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Lancaster Farming

VOL. 29 No. 7 | Four Sections | Lancaster Farming, Saturday, December 17, 1983 | $7.50 per Year

Photo by Trish Williams

Flooding in fields and along roads caused more than 30 roads to be closed in Lancaster Co.

Rain late, but welcomed

BY KIMBERLY HERR

Where was it when we needed it?

That question echoed across the state earlier this week as the rain, missing from this summer's weather, pelted across the Commonwealth.

After the soaking rains of Monday and Tuesday, Lancaster County, which suffered from the severe drought over the summer, recorded a total rainfall of five inches. According to Jay Irwin, Lancaster County Extension agent, that rain helped more than it hurt.

"You always need good soil and subsoil moisture going into winter," Irwin explained. "This will certainly help that. Since the ground is not frozen, the water is going down into the ground.

"This should help the water table considerably," he said.

The problems that the rain caused for farmers were few.

"There were some high streams, but no major problems that I've heard of," Irwin said.

Another county suffering from this summer's drought conditions was Schuylkill. Allen Shoener, county Extension agent, was glad to see the rain.

(Turn to Page A34)

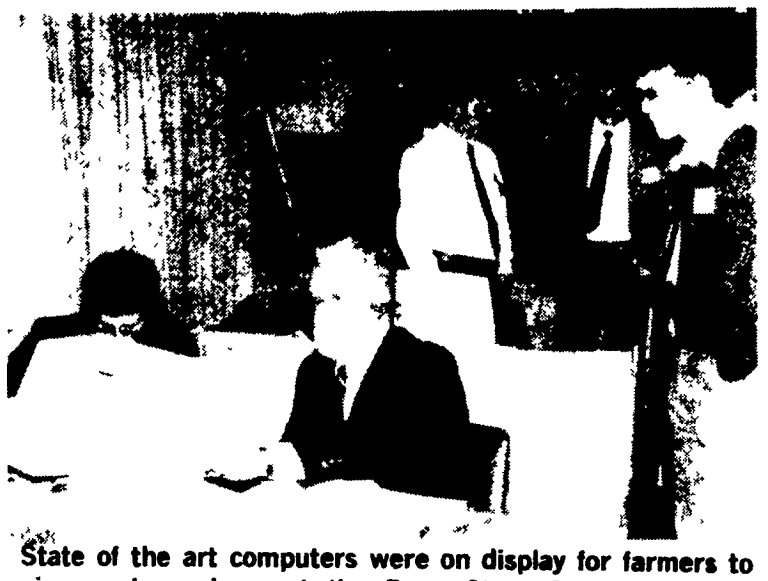
Dairy Computer conference keys in on management

BY TRISH WILLIAMS

UNIVERSITY PARK — Computers... the farm management tool of the 80's, was the subject of the Penn State Dairy Computer Conference held Wednesday and Thursday at Penn State's main campus. Approximately 170 dairymen, agribusinessmen and dairy Extension agents came to learn the state of art in this rapidly changing technology.

"The computer is the most recent development that allows dairy farmers to be more efficient managers of their varied resources," said Jud Heinrichs, program chairman for the conference. "The fast pace and change of this computer technology creates the need for this computer."

(Turn to Page A20)



State of the art computers were on display for farmers to view and purchase at the Penn State Dairy Computer Conference.

1200 attend Mid-Atlantic no-till meeting

BY LAURA ENGLAND

TIMONIUM, MD. — Conservation tillage is becoming more important and is one of the fastest growing agricultural practices in the country, said the chief of the USDA Soil Conservation Service.

In speaking to a crowd of 1200 attending the Mid-Atlantic No-Till Conference in Timonium, Md., Peter C. Myers said that an estimated 100 million acres of cropland were farmed under some form of conservation tillage this year. Leading the states in conservation tillage practices were Delaware and Maryland, each with over 69 percent of cropland involved.

Myers said that the USDA stresses conservation tillage and no-till practices because of its cost-effective approach to conservation.

"Conservation tillage results in good crop yields and at the same time keeps the soil in place," he said, "thus reducing soil erosion and sedimentation."

Through no-till practices, Myers said soil erosion can be eliminated, but the key to this is management.

"The bottom line is management," he said, "and if you don't want to make it (conservation tillage) work, it won't."

Successful no-till farmers have taken soil problems and through conservation tillage have eliminated these problems, Myers said. At the same time, the farmers have seen increased crop yields.

Although conservation tillage has proved beneficial in reducing soil erosion, Myers said that some people are concerned with water pollution due to the increased use of insecticides and herbicides

[illegible] till planting.

"This is something we need to [illegible] about," Myers said, [illegible] that scientists at 36 [illegible] research facilities are working to answer questions about conservation tillage and no-till.

Nine other speakers also addressed the group and spoke on topics including the economics of no-till, no-till forage establishment, selection and operation of no-till equipment, and crop protection with integrated pest management.

The speakers and highlights of their topics follow.

V. Allan Bandel, extension soils specialist at the University of

(Turn to Page A31)

Avian flu total reaches 6 million

BY LAURA ENGLAND

LANCASTER — Despite efforts by USDA task force personnel sent to eradicate the deadly avian flu virus, the disease continued to spread within the quarantine zone this week, leaving behind over six million "depopulated" chickens.

As of Thursday, 151 flocks had been confirmed with the highly pathogenic strain. Of these flocks, 126 had been depopulated by task force members, bringing the number of birds destroyed to 6,760,950.

The overall outlook of the avian epidemic continues to be the same, said Pennsylvania Poultry Federation director John Hoffman.

"The overall outlook is the same," Hoffman said. "We continue to contain the disease within the quarantine zone, but we've made no progress in controlling the virus."

Currently, the disease is moving eastward with northern and southern movement infrequent. The trend eastward, Hoffman said, is a result from the lack of birds in the western end of the quarantine zone. In this area, most birds have been depopulated.

The spread eastward has caused concern among avian flu personnel because the hot strain is hitting areas where no previous cases had been reported. The easternmost outbreak in Lancaster County occured in Gap, while Reinholds is the furthest north the disease has gone and Quarryville the furthest south.

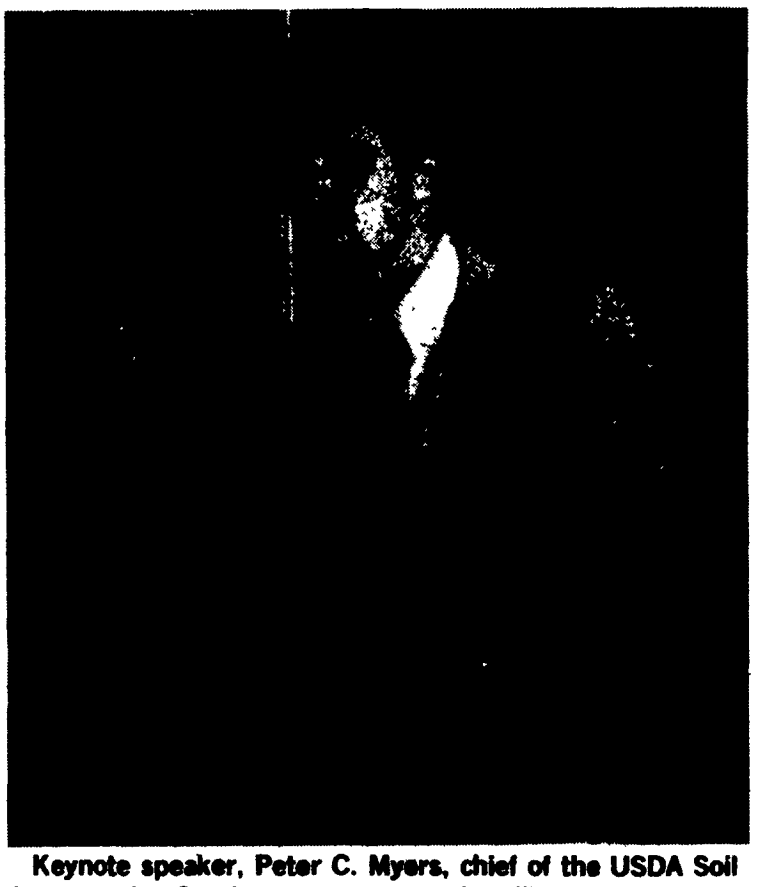
The quarantine zone covers 2,800 square miles, including all of Lancaster County and parts of Berks, Dauphin, Lebanon and Chester counties. The quarantine went into effect mid-October when the highly pathogenic strain of avian flu had been diagnosed in area chicken flocks.

Lancaster County, which represents 40 percent of the state's $400 million poultry industry, has been hardest hit. Over 130 of the hot flocks have been in the county.

In other developments, Hoffman said a task force committee met Thursday morning to discuss the problem of cleaning and disinfecting poultry houses after depopulation. Poultrymen had said at a recent meeting that requirements were too strict, and they couldn't meet the "hospital clean" specifications.

While cleaning requirements will remain strict, some changes in

(Turn to Page A21)



Keynote speaker, Peter C. Myers, chief of the USDA Soil Conservation Service, says conservation tillage is one of the fastest growing agricultural practices in the country.

Livestock market and auction news

Lancaster Market

Monday, Dec. 12
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1124	121	1179	362
Last Monday	1092	183	903	386
Last Year	841	124	575	433
Monday's Auction	1175	128	1143	461
Last Monday's Auction	1136	231	1043	424

CATTLE: Compared to last Monday slaughter steers 1.50-3.00 higher, instances 5.00 higher on high Choice and Prime; heifers 50-1.50 higher; cows steady with last Wednesday, or 1.00-2.00 higher than last Monday; bullocks 1.00-2.00 higher; yield grade 1 bulls 1.00-2.00 higher, yield grade 2 mostly steady. Supply included 47% heifers, 10% heifers, 29% cows, and 14% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1450 lb. 67.25-69.25, couple head 69.25-69.75; Choice 2-4 1050-1350 lb. 63.50-67.50, few 63.00-63.50; high Good and low Choice 2-3 61.00-63.00; few Good 2-3 57.50-60.50; Good and Choice 1200-1400 lb. Holsteins 51.00-56.00, few Choice 56.25-57.75, Standard 1-2 45.00-51.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1200 lb. 59.50-62.25; Good 2-3 850-1125 lb. 56.00-59.00; several Good 900-1200 lb. Heiferettes 39.00-42.50.

COWS: Breaking Utility and Commercial 2-4 37.50-38.50, several 38.50-39.75, couple 40.00; Cutter and Boning Utility 1-3 34.50-37.50, few 37.50-38.50; Canner and low Cutter 32.00-34.00.

BULLOCKS: Choice 1100-1350 lb. 57.25-60.75, couple 62.00-64.75; Good 1000-1250 lb. 53.00-57.00.

BULLS: Yield grade 1 1400-2300 lb. 49.00-52.25, few 54.50-56.00, individual 1585 lb. 59.25; yield grade 2 1050-1450 lb. 44.00-49.00, 900-1050 lb. 43.00-44.50.

VEAL CALVES: Vealers mostly steady, instances 5.00 higher on small supply of Choice and Prime; slaughter calves firm to 5.00 higher. Demand good for Holstein bulls to return to farm. Supply included one lot Prime special fed 340 lb. bought to arrive at 123.00.

VEALERS: Choice 160-300 lb. 90.00-105.00, few 105.00-116.00; high Good and low Choice 160-300 lb. 75.00-90.00; 120-155 lb. 55.00-70.00, 80-115 lb. 35.00-45.00 few 45.00-50.00.

SLAUGHTER CALVES: Good and Choice 250-550 lb. 45.00-60.00; few Choice 225-350 lb. 60.00-65.00.

RETURNED TO FARM: Bulk 100-120 lb. Holstein bulls 70.00-90.00; few 85-95 lb. 60.00-70.00.

SHEEP: Wooled lambs 2.00-4.00 higher, with some 40-60 lb. 10.00-15.00 higher; slaughter ewes firm to 3.00 higher. Supply included around 125 goats.

WOOLED LAMBS: Choice and Prime 90-110 lb. 60.00-68.00; Choice 80-110 lb. 50.00-60.00; Good and Choice 40-60 lb. 65.00-95.00; around 20 head Choice 35-45 lb. new crop lambs 120.00-170.00.

SLAUGHTER EWES: Utility and Good 18.00-25.00.

GOATS: All goats sold by the head; bulk of large mature goats 45.00-58.00, few 60.00-61.00; medium 35.00-45.00; kid goats 24.00-35.00.

Vintage Auction

Tuesday, Dec. 13
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1121	809	20	1
Last Tuesday	932	954	16	0
Last Year	919	843	26	0

CATTLE: Compared to last Tuesday slaughter steers 2.00-4.00 higher; slaughter heifers fully steady; cows 1.00-2.00 higher, instances 3.00 higher; bulls steady. Supply included 524 steers and 521 cows.

SLAUGHTER STEERS: Few high Choice and Prime 2-4 1200-1375 lb. 67.00-69.60; Good and Choice 1-2 1100-1400 lb. 67.50-69.85, six head 70.00-70.85; Choice 2-4 1050-1450 lb. 63.75-67.50; high Good and low Choice 2-3 61.00-64.50; Good 2-3 59.00-61.00; Good and Choice 1200-1400 lb. Holsteins 50.00-51.50, couple Choice 52.00-54.75; Standard 1-2 47.75-50.00.

SLAUGHTER HEIFERS: Few Choice 2-3 900-1150 lb. 59.00-62.00, couple 63.00-64.00.

COWS: Breaking Utility and Commercial 2-4 37.50-40.00, few 40.25-41.50; Cutter and Boning Utility 1-3 34.50-37.50, few 37.75-39.50; Canner and low Cutter 31.00-34.00; several Good and Choice 950-1200 lb. heiferettes 38.50-43.75.

BULLOCKS: Couple Choice 1050-1200 lb. 57.25-61.50; Good 950-1200 lb. 53.00-56.25.

BULLS: Couple 1820-1990 lb. yield grade 1 55.00-56.00; couple 1675-1800 lb. yield grade 1-2 48.00-49.75.

VEAL CALVES: Vealers mostly steady. Supply included 625 in graded sale of which 62 percent sold to return to farm.

VEALERS: Few Choice 200-260 lb. 78.00-88.00, individual 215 lb. 99.00; high Good and low Choice 140-300 lb. 64.00-80.00, 120-140 lb. 49.00-64.00, 100-115 lb. 47.00-51.00, 80-95 lb. 37.00-47.00; Standard 60-80 lb. 20.00-35.00.

RETURNED TO FARM: 50 head 90-115 lb. Holstein heifers 48.00-54.00; 15 head 80-85 lb. 45.00. 135 head 100-125 lb. Holstein bulls 86.00-96.50; 25 head 101 lb. 99.00; 45 head 90-95 lb. 60.00-75.00; and 120 head small frame 100-125 lb. 50.00-60.00.

SHEEP: Small supply wooled lambs 5.00-8.00 higher.

WOOLED LAMBS: Few Choice 85-100 lb. 58.00-65.00; few Good 50-100 lb. 50.00-60.00; couple Prime 40-55 lb. 78.00-100.00.

GOATS: Individual sold by the head at 31.00.

Lancaster Auction

Wednesday, Dec. 14
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	548	20	793	24
Last Wednesday	555	32	534	5
Last Year	445	25	635	6
Wednesday's Auction	287	21	674	0
Last Wednesday's Auction	280	26	480	5

CATTLE: Compared to Monday slaughter steers mostly steady; slaughter heifers mostly steady; cows firm to 1.00 higher; bulls and bullocks steady. Supply included 46 percent slaughter steers and 28 percent cows.

SLAUGHTER STEERS: Choice 2-4 1050-1450 lb. 63.50-65.10, couple 65.75-66.50; high Good and low Choice 2-3 950-1300 lb. 60.00-63.50; Standard and Good 1100-1500 lb. Holsteins 43.75-48.00.

SLAUGHTER HEIFERS: Couple Choice 2-3 800 lb. 58.00; few Good 2-3 900-1050 lb. 51.00-53.50; Good 975-1375 lb. heiferettes 42.00-44.75.

COWS: Breaking Utility and Commercial 2-4 37.75-39.75, couple 41.00-42.00; Cutter and Boning Utility 1-3 37.00-39.50, couple 39.50-40.00; Canner and low Cutter 31.00-34.50.

BULLOCKS: Good and Choice 1085-1350 lb. 52.50-58.75.

BULLS: Couple yield grade 1 1240-1690 lb. 49.75-53.00, individual 2035 lb. 56.75; yield grade 2 1050-1600 lb. 43.25-47.00.

VEAL CALVES: Supply mainly high Good and low Choice 80-115 lb. vealers selling at 35.00-45.00.

SHEEP: No test.

New Holland Livestock

Thursday, December 15

CATTLE 1092. Compared to last Thursday slaughter steers 1.00-2.00 higher, although high Choice and Prime not tested; slaughter heifers steady on small supply; cows steady to 1.00 higher, after early sales being 1.00 to mostly 2.00 higher; bullocks fully steady; bulls fully 1.00 higher. Supply included 375 slaughter steers and 567 cows.

SLAUGHTER STEERS: Good and Choice 1-2 1075-1300 lb. 66.50-67.25, couple 67.75-68.25; Choice 2-4 1050-1350 lb. 63.75-66.50, few 66.50-67.25; high Good and low Choice 2-3 61.00-63.50; Good 2-3 58.00-61.00; Few Choice 1150-1375 lb. Holsteins 52.00-55.00; Few Standard 1-2 46.00-48.00.

SLAUGHTER HEIFERS: Few Choice 2-3 925-1175 lb. 58.75-62.25; Good 2-3 56.00-58.50.

COWS: Breaking Utility and Commercial 2-4 37.50-41.50, few 41.50-44.00; Cutter and Boning Utility 1-3 35.00-39.00, several mainly early 39.50-41.25, couple 42.00-42.50, late sales 33.75-38.00; Canner and low Cutter 31.50-34.50.

BULLOCKS: Choice 1050-1350 lb. 58.75-61.75, few 61.85-63.00; Good 950-1250 lb. 53.00-58.50.

BULLS: Yield grade 1 1300-2050 lb. 51.50-55.00, few 55.50-58.25; yield grade 2 1000-1375 lb. 45.75-50.75.

VEAL CALVES: 667. Vealers fully steady, with small supply Choice and Prime fully 5.00 higher. Demand good for Holstein bulls to return to farm, including most of the 100-130 lb. weights.

VEALERS: Choice 150-350 lb. 90.00-107.00, few high Choice and Prime 300-375 lb. 107.00-124.00; high Good and low Choice 140-300 lb. 70.00-86.00, 95-110 lb. 38.00-46.00, 70-90 lb. 32.00-40.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 85.00-100.00, few 100.00-104.00, 120-135 lb, 80.00-90.00, several 90-100 lb. 65.00-85.00, few small frame 85-100 lb. 46.00-65.00.

SHEEP 53. Wooled lambs 10.00-15.00 higher on small supply; slaughter ewes 2.00-5.00 higher.

WOOLED LAMBS: Choice 65-95 lb. 64.00-80.00, couple Good 45-70 lb. 39.00-51.00.

SLAUGHTER EWES: Utility and Good 19.00-28.00.

GOATS: 20. All goats sold by the head, mainly 35.00-46.00, four head 53.00-56.00.

Lancaster County Weekly

Fri., Dec. 16

	Cattle	Calves
This Week	4500	1625
Last Week	3986	1741
Last Year	3690	1542

CATTLE: Slaughter steers 1.00-2.00 higher, instances 4.00 higher on high Choice and Prime, although no high Choice and Prime offered late; slaughter heifers .50-1.00 higher; cows steady to 1.00 higher, instances 2.00 higher; bullocks fully steady; bulls 1.00; instances 2.00 higher. Supply included 35 per cent slaughter steers, 5 per cent slaughter heifers, 33 per cent cows, 6 per cent bulls with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1450 lbs. 67.00-69.75; Good and Choice 1-2 1075-1400 lbs. 66.50-69.50, 6 head 70.00-70.85; Choice 2-4 1050-1450 lbs. 63.75-67.50, high Good and low Choice 2-3 61.00-64.50, Good 2-3 57.50-61.00; Good and Choice 1200-1450 lb. holsteins 50.00-55.00, few Choice 55.00-56.00; Standard 1-2 45.00-50.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1200 lbs. 59.00-62.25, couple Yield Grade 2 63.00-64.00; Good 2-3 850-1125 lbs. 56.00-59.00, several mostly Good 900-1200 lb. heiferettes 39.00-44.75.

COWS: Breaking Utility and Commercial 2-4 37.50-40.00, several 40.00-41.50, couple 41.50-44.00; Cutter and Boning Utility 1-3 34.50-37.50, several 37.50-42.00; Canner and low Cutter 31.00-34.50.

BULLOCKS: Choice 1050-1350 lbs. 57.50-61.75, few 61.75-64.75; Good 1000-1250 lbs. 53.00-48.50.

BULLS: Yield Grade 1 1400-2500 lbs. 50.00-55.00, few 55.50-59.25; Yield Grade 2 1000-1450 lbs. 44.50-50.50, few 900-1050 lbs. 43.00-44.50.

VEAL CALVES: Vealers mostly steady, instances 5.00 higher on small supply Choice and Prime, slaughter calves firm to 5.00 higher. Demand good for holstein bulls to return to farm, including most of the 100-135 weights.

VEALERS: Choice 150-250 lbs. 90.00-107.00, few high Choice and Prime 107.00-124.00; high Good and low Choice 160-300 lbs. 70.00-90.00, 120-155 lbs. 50.00-75.00, 80-115 lbs. 35.00-45.00, few 45.00-50.00; Standard 60-80 lbs. 20.00-35.00.

SLAUGHTER CALVES: Good and Choice 250-550 lbs. 45.00-60.00; few Choice 225-250 lbs. 60.00-65.00.

RETURNED TO FARM: Few 80-115 lb. holstein heifers 45.00-54.00; bulk 95-125 lb. holstein bulls 80.00-100.00, few 100.00-104.00, 120-135 lbs. 75.00-90.00, several 90-100 lbs. 60.00-80.00, with small frame 85-125 lbs. 46.00-65.00.

Open 24 hours a day
365 days a year
(717) 394-2611
AUCTIONS

MONDAY
9:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M.— Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M.— Slaughter Hogs
1:00 P.M.— Feeder Pigs
WEDNESDAY
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 AM.— Veal Calves, Lambs, Hogs
FRIDAY
11:00 A.M.— Stocker and Feeder Cattle
SATURDAY
9:30 A.M.—Slaughter Hogs

FEEDER PIG SALE
Tuesday, December 20, 1983

HOLIDAY SCHEDULE
No Slaughter Hog Auction On
Sat., Dec. 24 or Sat., Dec. 31
OPEN AS USUAL DECEMBER 26th

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 87 Years

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
11 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Saturday
9 A.M.
Hog Sale
Butler Foods, Inc.
Receiving station for hogs every Mon., Wed., Thurs. & Fri. from 7 A.M. - 12 Noon
717-442-4742
Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653-5728
RON RANCK
Ph: (717) 656-9849

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12:30

HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Monday, December 12
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 2.00-3.00 higher; sows 350-450 lb. 3.00-5.00 higher, 450-650 lb. firm to 2.00 higher.

BARROWS AND GILTS: US 1-2 200-255 lb. 48.50-49.50, few 49.50-50.10. US 1 200-250 lb. 50.50-52.00, few 52.00-52.50. US 1-3 220-265 lb. 48.00-48.50, few 260-280 lb. 44.00-47.00.

SOWS: US 1-3 350-450 lb 35.00-40.00; 450-650 lb. 34.00-37.00.

Tuesday, December 13

Today	110
Last Tuesday	237
Last Year	420

TREND: Compared to Monday barrows and gilts .50-1.00 lower, extremes 1.50 lower.

BARROWS AND GILTS: US 1-2 200-255 lbs. 48.00-48.50. US 2-3 250-270 lb. 46.35-47.75.

Wednesday, December 14

HOGS: Compared to Tuesday barrows and gilts steady, instances .50 lower; sows 2.00-3.00 lower.

BARROWS AND GILTS: US 1-2 200-240 lb. 47.60-48.50, couple lots 49 00-50.25. US 1 210-250 lb. 50.75-52.00. US 1-3 220-270 lb. 46.00-47.50.

SOWS: US 1-3 300-650 lb. 31.00-34 00, few 450-650 lb. 34.00-36.00.

New Holland Hogs

Monday, December 12
Report supplied by USDA

Today	1676
Last Monday	1679
Last Year	1772

TREND: Compared to last Monday barrows and gilts mostly 5.00-5.50 higher.

BARROWS AND GILTS: US 1-2 200-255 lb. 48.25-49.35, bulk of late sales 49.00-49.25. US 1 200-250 lb. 49.50-50.00, couple lots 51.00. US 1-3 220-260 lb. 48.25-49.00, 200-220 lb. 48.00-48.50.

Carlisle Feeder Pigs

Carlisle, Pa.
Friday, December 9
Report supplied by auction

Total 797 head.

TREND: Compared to November's State Graded Sale the market was a firm 7.00-15.00 higher with the strongest demand for pigs with docked tails. All pigs weighed on arrival and sold by the hundred weight.

US NO. 1 & 2: 28 head 21-29 lbs. 60.00-67.00; 126 head 30-39 lbs. 60.00-68.00, mostly 64.50-68.00; 75 head 40-49 lbs. 62.00-69.00, mostly 65.50-69.00; 172 head 50-59 lbs. 55.00-77.50, mostly 68.00-77.50; 44 head 63-70 lbs. 55.00-60.00, mostly 59.00-60.00; 15 head 78 lbs. 50.00.

UTILITY'S: 23 head 21-38 lbs. 30.00-37.00.

AS IS: 14 head 12-46 lbs. 30.00-50.00.

US NO. 2: 19 head 24-30 lbs. 54.00-67.00, mostly 64.00-67.00; 44 head 31-39 lbs. 50.00-67.00; 28 head 44-59 lbs. 58.00-63.00; 14 head 65-66 ls. 57.00-58.00; 12 head 17 lbs. 51.00; 5 head 76 ls. 40.50.

US NO. 2 & 3: 71 head 28-39 lbs. 48.00-70.00, mostly 58.00-70.00; 103 head 40-53 lbs. 46.00-65.00, mostly 54.00-65.00; 2 head 70 lbs. 35.00.

US NO. 3: 2 head 40 lbs. 30.00.

Next Graded Pig Sale: Friday, Jan. 13th, 1:30 P.M.

Grading 8:00 A.M. until 12 Noon.

St. Louis Hogs

Thursday, December 15
Report supplied by USDA

BARROWS & GILTS: 3000. Active, good demand for light receipts; 2.25 higher for weights under 260 lb.; over 260 lb. 1.00 higher. US 1-2 210-250 lb. 48.00-48.50. US 1-3 210-260 lb. 47.00-48.00; 260-270 lb. 45.00.

SOWS: Under 500 lb. 1.00 higher; over 500 lb. 2.00 higher. (About 10%) US 1-3 300-500 lb. 35.50; over 500 lb. 38.50-40.50.

BOARS: Over 250 lb. 34.00; under 250 lb. 41.00.

New Holland Feeder Pigs

Wednesday, December 14
Report supplied by USDA

Today	994
Last Wednesday	1003
Last Year	1013

TREND: Compared to last Wednesday feeder pigs uneven, generally steady, instances 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 101 head 30-39 lbs. 81.00-88.00; 304 head 40-49 lbs. 67.00-78.00; 261 head 50-59 lbs. 54.00-70.00; 69 head 60-79 lbs. 51.00-61.00.

US 2: 29 head 34-37 lbs. 70.00-74.00; 17 head 46 lbs. 63.00.

US 2-3: 8 head 29 lbs. 81.00; 34 head 30-39 lbs. 66.00-78.00; 62 head 40-55 lbs. 58.00-65.00; 12 head 71 lbs. 55.00.

Peoria Hogs

Thursday, December 15
Report supplied by USDA

BARROWS & GILTS: 2500. Active, 1.50-2.00 higher. US 1-2 220-240 lb. 48.00-48.50; 200-220 lb. 47.00-48.00. US 1-3 220-260 lb. 46.00-47.00.

SOWS: 1.00-2.50 higher. (17%) US 1-3 350-450 lb. 36.50-37.50; 450-500 lb. 39.00-40.00; 500-650 lb. 40.00-41.00.

BOARS: Over 350 lb. 34.00-34.50; 250-350 lb. 30.50-31.50; under 250 lb. 39.50-41.00.

Vintage Hogs

Vintage Sales Stables
Saturday, December 10
Report supplied by auction

US 1 & 2 215-245 lbs. 48.25-50.00; 2 & 3's 210-241 lb. 47.50-48.00; Heavyweights 260-279 lb. 46.25-47.00; lightweights 162-195 lb. 40.25-45.25; Sows 300-595 lb. 34.00-41.50.

Indianapolis Hogs

Thursday, December 15
Report supplied by USDA

BARROWS & GILTS: 1000. Active, 1.00-1.50 higher, instances 1.75 up. US 1-2 210-255 lb. 47.50-48.50, many 47.75-48.00. US 1-3 few 210-260 lb. 47.00-47.50.

SOWS: Active, fully 1.00-2.00 higher. (6%) US 1-2 & Medium few 350-450 lb. 34.00-34.50. US 1-3 400-500 lb. 35.00-36.00; 500-600 lb. 36.00-38.00, package 630 lb. 40.00.

BOARS: Under 250 lb. scarce; over 350 lb. 29.00-30.00.

U.S. Inspected Livestock Slaughter

Thursday, December 15
Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)	549,000	49,000	1,371,000	103,000
Same Period Last Week (Est.)	546,000	48,000	1,475,000	105,000
Same Period Last Year (Act.)	519,000	46,000	1,251,000	97,000

Chicago Grain Futures

(Closing Bids as of Thursday, December 15)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Dec.	3.25½	3.41¾		211.50
Jan.			7.56	212.00
Mar.	3.29	3.51	7.71½	213.80
May	3.32¼	3.49¾	7.84½	

Trends - All grains are weaker.

Lancaster Feeder Pigs

Tuesday, December 13
Report supplied by USDA

Today	768
Last Tuesday	759
Last Year	1181

TREND: Compared to last Tuesday feeder pigs uneven; 20-50 lb. mostly steady, instances 5.00 lower; 50-80 lb. steady to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 17 head 19-24 lbs. 80.00-84.00; 34 head 33-39 lbs. 76.00-81.00; 153 head 40-49 63.00-74.00; 46 head 40-45 lbs. 77.00-82.00; 64 head 50-51 lbs. 75.50-78.50; 48 head 51-59 lbs. 62.00-64.00; 115 head 60-69 lbs. 52.00-62.50; 11 head 61 lbs. 67.00; 37 head 78-79 lbs. 49.00-50.00.

US 2: 34 head 53-57 lbs. 54.00-56.00.

US 2-3 8 head 17 lbs. 79.00; 13 head 35-39 lbs. 60.00-66.00; 31 head 48-56 lbs. 46.00-54.00.

Futures Trading

(Closing Bids as of Thursday, December 15)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Dec.	66.87	48.47	
Feb.	65.62	49.42	
April	66.55	47.90	
May			6.62

Trends - Cattle: stronger. Potatoes: stronger. Hogs: stronger.

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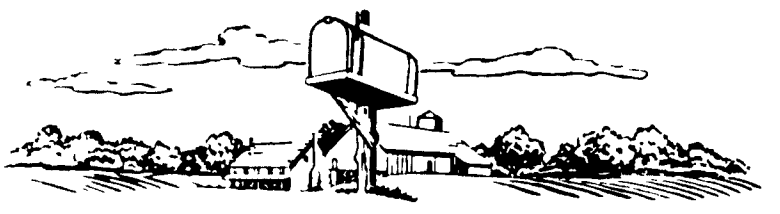


In this issue

Four Sections

Editorials

Editorially speaking	A10

Dairy

Pennfield Dairy Days	A28
Berks County DHIA	A30
Perry County DHIA	A32
Blair County DHIA	D11
Tioga County DHIA	D11
Franklin County DHIA	D15
Bucks County DHIA	D17
Potter County DHIA	D23

Departments

Farm Calendar	A10
Mailbox Markets	B26
Classified Ads	B27&C 4
Livestock Latest	D 2
Business News	D 6
Public Sales	D26

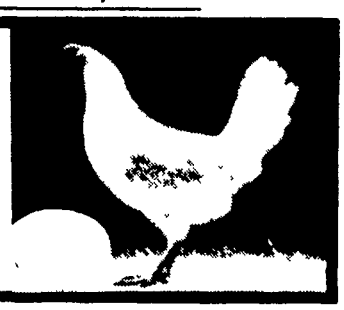
Columns

Now is the time	A10
Ladies, have you heard?	B 5
Back Home	B12
Craft Corner	B22
On being a farm wife	B23
Ida's Notebook	B23
Seeding, weeding	B25
Livestock Ledger	D 4
Brockett's Ag Advice	D12
Farm Talk	D14

Home and Youth

Homestead Notes	B 2
Home on the Range	B 6
Kid's Korner	B10
Farm Women news & calendar	B11
Family Living	B12
Gingerbread feature	B16
Orchard feature	B18
Historic Strasburg gingerbread feature	B20

POULTRY MARKETS



Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification		DATE Dec. 13 Tuesday	DATE Dec. 15 Thursday
Class 1 - Large	48 lbs.	92½	92½
Class 2 - Large	45 lbs.	91	87½
Class 3 - Medium	42 lbs.	81	81
Class 4 - Small	39 lbs.	75	75
Breaking Stock	48 lbs.	77	78
Checks	48 lbs.	71½	72

Weekly New York Egg Market

From Friday, December 9 to December 15

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	1.04	1.04	1.05	1.05	1.05
Ex Large	1.02	1.02	1.04	1.04	1.04
Large	1.01	1.01	1.03	1.03	1.03
Mediums	.99	.99	1.01	1.01	1.01
Pullets	.80	.80	.82	.82	.82
Off Grade	.93	.93	.95	.95	.95
BROWN					
Jumbo	–	–	–	–	–
Ex Large	1.14	1.14	1.15	1.15	1.15
Large	1.12	1.12	1.13	1.13	1.13
Mediums	1.06	1.06	1.07	1.07	1.07
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	.64	.64	.64	.65	.65
Checks	.62	.62	.62	.63	.63

Breaking Stock

Friday- 21.90-22.50, 22.50-22.80; Wednesday- 22.20-22.80, 22.80-23.10.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, December 6
Report supplied by auction

RABBITS: 4-6 lbs. range .70-1.06 per lb.
RABBITS: 7-12 lbs. range .60-.84 per lb.
BUNNIES: range .50-1.50 ea.
GUINEA PIGS: range .50-3.00 ea.
GOATS: range 20.00-45.00 ea.
KID GOATS: range 33.00-39.00.
TOTAL NUMBER COOPS: 349.

Delmarva Poultry

Thursday, December 15
Report supplied by USDA

Market Comment: RTC movement on whole birds is a little slower today but still sufficient to clear current production and keep plants in good balance. Breasts and cutlets continue to struggle as little interest is shown even at lower values. Leg and leg quarters are fully adequate, but movement is mixed as some note a slightly better movement while other still find the demand slow. Wings move well even at the higher price levels.

Overall slaughter is light as a couple of plants are not operating today. Live supplies are adequate. Weights irregular but are now desirable at most plants. Undertone steady.

Today's L.T.L. asking prices are unchanged on U.S. Grade A .56-.60 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 12/14 1,608; Actual 12/7 1,910; Actual 12/12 1,738; Average Weights 12/12 4.15; Average Weights 12/5 4.26.

New York Multiple Drop Broiler Report

Thursday, December 15
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .55-.60; Weighted AVG.: U.S. Grade A 58.99; Premium (X) Boxes 10,450.

(X) Includes special services, selected competitive brands, etc.

N.E. Weekly Shell Egg Report

Tuesday, December 13
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	1.18-1.20	1.17-1.19	1.10-1.12	82-84
Mostly	1.18	1.17	1.10	82
N.HAMP	1.09-1.13	1.08-1.12	1.02-1.06	75-79
Mostly	1.11-1.12	1.10-1.11	1.04-1.05	77-78
R.I.	1.09-1.15	1.08-1.14	1.03-1.09	74-80
Mostly	1.09-1.11	1.08-1.10	1.03-1.05	74-76
VERMONT	1.15	1.10-1.14	1.02-1.09	–
Mostly	1.15	1.10	1.08	–
MAINE	1.16-1.20	1.15-1.19	1.09-1.14	82-84

X Includes Central and Western Sections only.

Philadelphia Eggs

Thursday, December 15
Report supplied by USDA

MARKET COMMENT: Prices edged higher on all sizes. Trade sentiment is mostly steady. Cartoned egg orders are moderate but usually reported as below those of last year. Where their own product is not sufficient to fill requirements, dealers are able to obtain supplies necessary to complete orders.

Prices to retailers; sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .97-1.02; A Large .96-1.01; A Medium .93-.96

Eastern Pa. & N.J. Poultry

Wednesday, December 14
Report supplied by USDA

Market Comment: Prices have trended higher, but most traders are starting to show some resistance at current price levels, and some are bidding lower on both live and canner fowl. Offerings are light, and the loss of birds from the quarantined area of Pennsylvania has curtailed operating time. The call for canners is fair, but the substitution of broiler meat has lessened the overall demand on fowl meat.

Prices Paid at Farm:

Light Type Hens: 21-24, mostly 23-24.

F.O.B. Plant: 24-27, mostly 25-26.

Dewart Livestock

Monday, December 12
Report Supplied by PDA

CATTLE 203. Compared with last Monday's market, slaughter cows steady to 50 cents lower. Few Low Average Choice 2-4 1030-1200 lbs. slaughter steers 61.25-64, Good 57.00-60.50, couple 62.25, few Good holsteins 53.50-54.75, few Standard 49.25-54.25. One Choice slaughter heifer at 60.25, few Good 55.00-57, few Standard 47.00-54.00. Utility & Commercial slaughter cows 34.50-38.10, couple 39.25, Cutters 32.75-35, Canner & Low Cutter 29.75-32.75, Shells down to 25.00. One Choice slaughter bullock at 61.00, couple Good 55.00&56.50, one Standard at 53.75. Few Yield Grade #1 1700-1970 lbs. slaughter bulls 47.00-52.00.

CALVES 186. Few Choice vealers 78.00-82, few Good 63.00-68, Standard & Good 105-115 lbs. 48.00-56, 70-100 lbs. 40.00-48, few Utility 60-80 lbs. 30.00-40.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 65.00-95, mostly 75.00-90, few Hol. Heifers 90-110 lbs. 48.00-52.00.

HOGS 215. Barrows and gilts $8 higher. US No. 1-2 205-230 lbs. barrows and gilts 48.50-49.80, No. 1-3 220-230 lbs. 47.00-48, No. 1-3 170-175 lbs. 39.25-39.75. US No. 1-3 350-700 lbs. 30.50-37.50, Medium 200-375 lbs. 25.00-30.50. BOARS 26.75-27.25.

FEEDER PIGS 142. US No. 1-3 20-40 lbs. feeder pigs 14.50-20 per head, lot No. 1-3 45 lbs. at 26.00 per head, Lot No. 1-3 160 lbs. at 42.00 Cwt.

SHEEP 20. Few Choice 80-105 lbs. wooled slaughter lambs 49.00-50.50, few Good 75-105 lbs. 42.00-51.00. Few Slaughter ewes 12.00-25.00.

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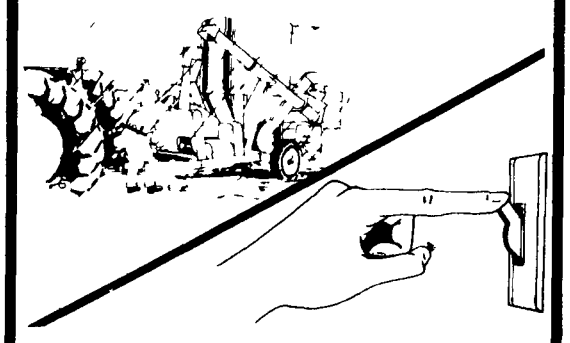

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Regional Hay

Friday, December 9
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Hay & Straw mostly steady.

Alfalfa 105.00-135.00; Mixed hay 85.00-95.00; Timothy hay 80.00-90.00; Straw 60.00-80.00; Mulch 35.00-55.00.

Green Dragon Hay

Ephrata, Pa.
Friday, December 9
Report supplied by PDA

102 Loads Hay and 41 Loads Straw.

Alfalfa 97.00-127.00, few to 170.00; Mixed hay 86.00-120.00, few down to 71.00; Timothy hay 89.00-110.00, few to 134.00; Reed Canary Grass, 2 loads 86.00 & 108.00; Orchard Grass, one load 96.00; Straw 81.00-104.00; Ear Corn 12 loads 119.00-145.00.

King's Auction

Kirkwood, PA
Tuesday, December 13
Report supplied by auction

6 Loads.

Alfalfa 117.00-135.00; Timothy 130.00; Meadow Grass 120.00; Corn Fodder 82.00.

Belleville Hay

Belleville, Pa.
Wednesday, December 7
Report supplied by PDA

23 Loads Hay and 4 Loads Straw.

Alfalfa 92.50-165.00; Mixed hay 70.00-97.50, one load 117.50; Straw 80.00-88.00.

Dewart Auction

Dewart, Pa.
Monday, December 5
Report supplied by PDA

6 Loads Hay and 2 Loads Straw.

Alfalfa, 2 loads 120.00 & 134.00; Mixed hay, 2 loads 101.00 & 164.00; Timothy hay, 2 loads 61.00 & 65.00; Straw, 2 loads 50.00 & 86.00.

Good's Auction

Leola, Pa.
Wednesday, December 7
Report supplied by PDA

59 Loads Hay and 14 Loads Straw.

Alfalfa 90.00-185.00, mostly 112.00-147.00; Mixed hay 90.00-123.00, one load 134.00; Timothy hay 107.00-133.00; Clover, one load 124.00; Straw 96.00-112.00, one load 85.00; Ear Corn, 10 loads 127.00-147.00, one load 110.00; Corn Fodder, one load 84.00.

Good's Hay

Leola, Pa.
Wednesday, December 14
Report supplied by auction

109 loads.

Mixed Hay, 97.00-145.00; Alfalfa, 93.00-165.00; Timothy, 110.00-120.00; Corn, 108.00-150.00; Clover, 82.00-113.00; Straw, 89.00-106.00; Corn Fodder, 69.00.

Hagerstown Hay

Martin's Elevator
Wednesday, December 14
Report supplied by auction

26 loads.

Alfalfa 132.00-165.00; Alfalfa grass mixed 124.00-135.00; Timothy 106.00-119.00; Mixed grass 82.00-105.00; Rye and barley straw 70.00-71.00; Bromegrass 110.00; Moldy alfalfa 70.00-76.00.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, December 13
Report supplied by auction

30 loads.

Alfalfa 110.00-142.00; Mixed hay 92.50-121.00; Timothy 70.00-107.00; Grass hay 118.00; Corn Fodder 65.00; Straw 52.00-65.00; Ear corn 137.00.

Kiester's Hay

Middleburg, Pa.
Tuesday, December 13
Report supplied by auction

13 loads.

Alfalfa 120.00; Mixed hay 90.00-117.00; Timothy 80.00-82.50; Straw 75.00-77.50; Pick up loads of wood 34.00-37.00.

New Holland Hay

New Holland Sales Stables
Monday, December 12
Report supplied by auction

90 loads.

Alfalfa, 100.00-182.00; Mixed Hay, 92.00-124.00; Timothy, 90.00-113.00; Straw, 75.00-102.00; Oats, 2.55, 2.65/bu.; Corn, 127.00-140.00; Wood, 45.00.

Pa. Grain

Monday, December 12
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central PA.: Corn steady to 10 cents lower; Wheat unevenly steady; Barley steady to strong; Oats steady to 20 cents higher; New Ear Corn mostly steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.60-3.85, average 3.70, New Crop 2.78-2.80; Wheat No. 2 range 3.60-3.80, few reported 3.40; average 3.65, New Crop 3.30-3.41; Barley No. 3 range 2.50-3.00, average 2.75, New Crop 2.00-2.10; Oats No. 2 range 2.30-2.45, average 2.40; Soybeans No. 1 range 7.28-7.78, average 7.50, New Crop 6.25-6.56; Gr. Sorghum #2 range 3.20, average 3.20; New Ear Corn range 80.00-95.00, few reported 125.00, average 95.64.

Central Pa.

Corn No. 2-y range 3.65-3.90, average 3.77; Wheat No. 2 range 3.60-3.90, average 3.76; Barley No. 3 range 2.30-2.60, few reported 2.85, average 2.63; Oats No. 2 range 2.00-2.50, average 2.25; Soybeans No. 1 range 7.30-7.58, average 7.46; Gr. Sorghum No. 2 range 3.75, average 3.75; Buckwheat range 8.80-90.00, average 8.93; New Ear Corn range 85.00-95.00, average 89.00.

South Central Pa.

Corn No. 2-y range 3.65-3.95, average 3.80; Wheat No. 2 range 3.50-3.55, few reported 3.25, average 3.50; Barley No. 3 range 2.50-3.10, few reported 2.25; average 2.64; Oats No. 2 range 1.80-2.00, few reported 2.20, average 1.96; New Ear Corn range 93.00-110.00, few reported 130.00, average 106.13.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.62-3.90, average 3.75; Wheat No. 2 range 3.50-3.85, average 3.65; Barley No. 3 range 2.40-3.00, average 2.69; Oats No. 2 range 2.00-2.45, average 2.24; Ear Corn range 81.00-115.00, average 96.50.

Western Pa.

Corn No. 2-y range 3.45-3.85, average 3.71; Wheat No. 2 range 3.10-3.35, average 3.25; Barley No. 3 range 2.25, average 2.25; Oats No. 2 range 1.60-2.35, average 2.00; Buckwheat range 7.00, average 7.00.

Vintage Hay

Vintage Sales Stables
Thursday, December 15
Report supplied by auction

18 loads.

Alfalfa, 125.00-135.00; Mixed Hay, 90.00-110.00; Timothy, 95.00-105.00; Straw, 90.00-94.00.

Frederick Co. Hay

Buckeystown, Md.
Thursday, December 15
Report supplied by auction

40 loads. Market steady to strong.

Alfalfa, 2 fancy, 175.00-190.00, 7 gd., 130.00-142.00, 2 fair, 112.50-120.00; Alfalfa Mixed, 93.00-127.50; Timothy, 5 gd., 118.00-142.00, 2 fair, 111.00-114.00; Mixed Hay, 3 gs., 126.00-140.00, 3 fair, 99.00-103.00, 1 mostly grass, 72.00; Wheat Straw, 4 bright, 87.00-90.00, 2 gd., 72.50,; firewood, mostly hardwood, 55.00-70.00 cord.

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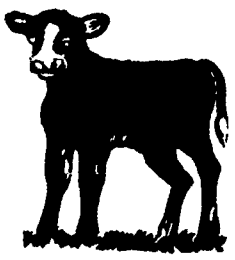
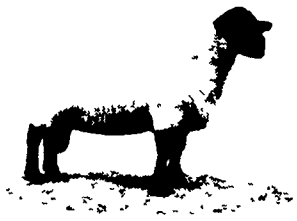
CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Central U.S. Carlot

Wednesday, December 14
Report supplied by USDA

Compared to Tuesday's 4:00 Report: Steer and Heifer carcasses steady except Choice 4 Heifers $.50 higher. Trade slow. Demand light to moderate. The gross boxed beef cut-out value declined $.06 to an estimated $102.19 per cwt., 102 loads boxed cuts reported.

Sales reported on 63 loads of Steer and Heifers carcasses.

STEER BEEF
34 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 96.00, steady; 600-700 lbs. 97.50-98.50.

Choice 2 600-900 lbs. 99.50-100.00.

Good 2-3 600-900 lbs. 96.00, steady.

Good 2 & Low 3 600-700 lbs. 95.50-96.00.

FOB Amarillo Basis

Choice 3 600-900 lbs. 98.00, steady.

Good 2-3 600-900 lbs. 96.00, steady.

HEIFER BEEF
29 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 96.00, steady; 500-550 lbs. 92.00, steady; 400-500 lbs. 90.00, steady; 600-700 ls. 96.00.

Choice 4 500-700 lbs. 87.50, .50 higher.

Good 2-3 550-700 lbs. 94.00, steady.

Good 2 & Low 3 600-700 ls. 93.00-93.50.

COW BEEF
23 Loads
FOB Omaha Basis

Cow carcasses unevenly steady.

Bng Utlty 2-3 400/up lbs. 65.00 (West).

Canner & Cutter 1-2 350/up lbs. 66.00-69.00 (Midwest).

FOB Amarillo Basis

Bkrg Utlty 3-4 400/up lbs. 65.00 (West).

Bng Utlty 2-3 400/up lbs. 67.00-68.00.

Canner & Cutter 1-2 350/up lbs. 70.50-71.50.

BULL BEEF
3 Loads
FOB Omaha Basis

Bull 1-2 600/up lbs. 75.50-80.00.

PRIMAL BEEF CUTS
13 Loads
FOB Omaha Basis

Choice 3: Hinds (H) 120-170 lbs. 105.00-106.00; Fores 130-210 lbs. 91.00.

Good and Choice 2-3: Short Plates 51.00-52.00.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
61½ Loads
FOB Omaha Basis

90% Chem Lean Fresh 94.00-97.00.

50% Chem Lean Fresh 41.50-42.00.

FOB Amarillo Basis

90% Chem Lean Fresh 98.00-100.00, mostly 99.00.

90% Chem Lean Frozen 99.50-101.00.

85% Chem Lean Fresh 93.00.

50% Chem Lean Fresh 42.50.

Compared to Tuesday's 4:00 report: Fresh Pork Loins 14-17 lbs. regular trim $4.00-7.00 lower than Monday. Spareribs $1.00-5.00 higher. Skinned Hams without adequate comparison, but firm-tone definite. Sdls Bellies steady to $1.00 higher. Trading slow to moderate for most items, except active on Skinned Hams. Demand light to good. Offerings moderate.

Sales reported on 66 loads of Fresh Pork Cuts plus 9 loads of Trimmings & Boneless Processing Pork.

FRESH PORK CUTS

LOINS: (Regular) 14-17 lbs. 82.00-84.00, 4.00-7.00 lower than Monday; 17-22 lbs. 75.00, no comparison. (Retail Trim) 14-17 lbs. 96.50, generally steady; 14-17 lbs. 100.00 short cut, generally steady.

PICNICS: 4-8 lbs. 45.00-46.00, no comparison.

BOSTON BUTTS: 4-8 lbs. 67.00, no comparison; 8/up lbs. 58.00, no comparison.

SPARERIBS (frozen): 3.5/down lbs. 108.00-113.00, 1.00-5.00 higher; 2.5/down lbs. 107.00 T.I.S., no comparison; 3.5-5.5 lbs. 92.00, 1.00 higher.

SKINNED HAMS: 14-17 lbs. 93.00; 17-20 lbs. 90.00-93.00; 20-26 lbs. 87.00; load 86.50.

SKINNED HAMS, (frozen) 14-17 lbs. 79.00.

BELLIES (Sdls - Skin On) 10-12 lbs. 42.50; 12-14 lbs. 54.25-54.50; 14-16 lbs. 54.75-55.25; 16-18 53.25-53.50, .25-.50 higher; 18-20 lbs. 47.50, generally steady; 20-25 lbs.. 43.00, steady-1.00 higher.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (Chemical Lean)

42% Lean Trimmings Fresh 30.00, 1.00 higher.

42% Lean Trimmings Frozen 32.00-32.50.

72% Lean Trimmings Fresh 57.00.

Boneless Picnics Fresh 57.00.

Four States Livestock

Hagerstown, Md.
Wednesday, December 7
Report supplied by auction

SLAUGHTER: Fed Steers- $1.00-$2.00 higher. Choice 60.00-62.00; Good 55.00-59.00; Medium 54.00 down; Dairy Type 42.00-48.00. Heifers- Dry Fed Choice 56.00-58.00; Good 50.00-55.00; Medium 49.00 down; Dairy Type 40.00-46.00. Cows- $2.00-$3.00 lower due to big runs nationwide; High Yield 35.00-37.75; Average 31.00-34.00; Big Middle 26.00-30.00; Fatty Herf 25.00-29.00; Shelly 28.50 down. Fat Bulls- $1.50 lower; Good 44.00-46.25; Medium 40.00-43.00. Veal Calves- $2.00 lower, light calves steady; choice 74.00-75.00; good 65.00-73.00; Medium 55.00-64.00; Farm Hfrs. to 53.00; Farm Bulls 100-120 lbs. 75.00-90.00; 90-100 lbs. 55.00-74.00; Light & Weak 42.00 down. Lambs- $2.00 higher; Good 48.00-51.50; Medium 43.00-47.00.

STOCKER: Steers 300-550 lbs.- Very active, steady to $1.00 higher; Choice 59.00-63.00; Good 53.00-58.00; Medium 48.00-52.00; Culls 47.00 down. Steers- 600-850 lbs. Choice 56.00-59.00; Good 50.00-55.00; Medium 49.00 down. Heifers- All Weights; Choice 46.00-50.50; Good 41.00-45.00; Medium 37.00-40.00. Bulls- Choice 52.00-55.00; Good 45.00-51.00; Medium 44.00 down. Spring Heifers- to 510.00. Pigs, Hd.- $1.00 higher; 20-30 lbs. 5.00-17.00; 40-70 lbs. 18.00-30.00. Shoats by Lb.- to 34.00. Slaughter Hogs- 215-230 lbs. 42.00-42.50; 240-260 lbs. 41.75-43.00; 265-280 lbs. 41.00-42.35; 195-210 lbs. 40.00-41.85. Sows- 300-600 lbs. 32.00-35.50. Thin Sows- 28.50-31.00.

Joliet Cattle

Thursday, December 15

Weekly Cattle Friday through Wednesday's salable receipts 3,000; 5 days last week 2,757; same period a year ago 3,917. Trading moderate to moderately active for the week. Slaughter steers ended the week 50 to 1.50 higher than Wednesday of last week. Slaughter heifers ended the week 1.00-2.00 higher. Cows ended the week steady.

SLAUGHTER STEERS: Choice few prime 3-4 1200-1350# 65.50-66.50 Monday; 64.50-65.50 Wednesday. Choice 2-4 1050-1350# 62.50-65.00 Monday; 62.00-64.50 Wednesday. Load choice 2-3 880# 59.50 Wednesday. Mixed good and choice 2-3 1000-1250# 61.50-63.00 Monday; 61.00-62.50 Wednesday.

SLAUGHTER HEIFERS: Choice 3 1200# load 64.50 Wednesday. Choice 2-4 900-1125# 61.00-63.00 Monday; 60.00-63.00 Wednesday. Mixed good and choice 2-3 850-1000# 59.00-61.50 Monday; 58.00-60.50 Wednesday.

COWS: Breaking utility and commercial 1-3 28.00-33.00.

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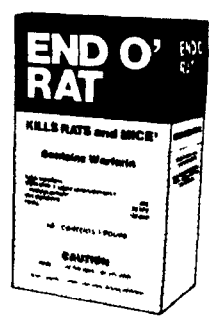

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

DEC. 19-25, 1983

Storm proves false, skaters waltz.

Winter begins Dec 22 (Thurs) at 5 30 A M EST Full moon Dec 19 (Mon) Average length of days for the week, nine hours, five minutes Partial eclipse of the moon Dec 19, visible from most of the United States and Canada beginning at 6 45 P M EST and ending at 10.52 P M *Merry Christmas and be of good cheer, things will be better next year*

Ask the Old Farmer: My antique pewter objects are pitted What can I do to remedy this, and what cleaning method should I use for both antique and new pewter items? D L, Danbury, Conn

Clean old pewter by soaking or boiling it in washing soda, sometimes it takes more than one boiling to get all the marks out Then wash in soapy water and polish New pewter should be washed only with soap and water and rinsed thoroughly

Home Hints: To remove mildew, wet the article and rub with a mixture of one-half chalk and one half soap Place in the sun until mildew is gone

OLD FARMER'S WEATHER FORECASTS

New England: Snowstorm early in week, then cloudy, snow flurries

Greater New York-New Jersey: Seasonable weather followed by rain to begin week, cloudy, slightly mild rest of week

Middle Atlantic Coastal: Rain, cold early in week followed by sunny and mild weather, chance of showers

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Carlisle Livestock Auction

Carlisle, Pa.
Tuesday, December 13
Report supplied by auction

CATTLE: Steers were .75 higher; Heifers were steady, Cows were 2.00 higher. Steers- Choice 60.00-61.25; Good Holsteins 53.50-55.50; Medium 52.75 down. Heifers- Choice 57.00-61.10; Medium 50.00 down. Cows- Utility & Commercial 36.60-39.50; Cutter 33.25-36.50; Canner & Low Cutter 31.50-34.00; Shells 30.00 down.

FEEDER CATTLE: Good run; Steers were steady; Heifers were 5.00-7.00 higher and Bulls were 6.00 higher. Steers- (350-550 lbs.) Good 59.00; Medium 48.00 down; (600-715 lbs.) Medium 45.50 down. Heifers- (320-550 lbs.) Choice 53.00-57.00; Good 49.00-52.50; Medium 48.50 down; (565-700 lbs.) Medium 34.00-39.50. Bulls- (330-400 lbs.) Good 51.00-59.00; (620 lbs.) Medium 47.00.

CALVES: Steady prices. Vealers- Choice 80.00-90.00; Good 65.00-80.00; Standard & Good 55.00-70.00; Standard 45.00-60.00; Light & Weak 44.00 down. Farm Calves- Hol. Bulls 85.00-93.00.

HOGS: Barrows & Gilts 4.00 higher; US No. 1-2 46.50-49.25; US No. 1-3 45.50-47.00. Sows- 1.50 higher; US No. 1-3 35.00-38.00; No. 2-3 33.00-35.50. Boars- Heavy and Light 27.00-36.50.

FEEDER PIGS: 5.00-10.00 higher; US No. 1-3 20-25 lbs. 14.00-18.00 head; No. 1-3 25-30 lbs. 22.00-24.00 head; No. 1-3 40-60 lbs. 27.00-33.00 head.

SHEEP: Lambs- Choice 53.00-59.00; Good 49.00-53.00. Goats- Medium-Large 32.00-39.00 head.

Sale evening every Tues. 7:00 P.M. for livestock; 5:45 P.M. for eggs and rabbits only.

Oklahoma Cattle

Wednesday, December 14
Estimated Receipts: 7,500
Same Day Last Week: 10,396

Feeder steers steady. Heifers under 500 lb. steady to weak; over 500 lb. 1.00 higher. Demand good; trading moderately active. Bulk supply medium frame 1 and mixed 1-2 400-800 lb. feeder steers and 350-650 lb. heifers.

FEEDER STEERS: Medium and large frame 1 350-500 lb. 67.50-72.00; 500-600 lb. 66.00-69.75; 600-700 lb. 65.70-67.80; 700-800 lb. 65.80-67.10; 800-900 lb. 62.50-64.25; 960 lb. 61.10; 1025 lb. 58.10; 1130 lb. 57.50.

Small Frame 1 350-500 lb. 60.50-64.50; 500-600 lb. 62.00-66.50; 600-700 lb. 64.25-67.00.

Medium and Large Frame Mixed 1-2 400-500 lb. 61.50-67.50; 500-600 lb. 63.50-68.80; 600-700 lb. 62.00-66.70; 700-750 lb. 61.00-64.00.

Medium and Large Frame 2 550-625 lb. 60.25-61.25.

Large Frame 2 Holsteins 845-950 lb. 48.90-49.00.

FEEDER HEIFERS: Medium and Large Frame 1 350-500 lb. 55.50-59.75, lot 350 lb. 61.40; 500-700 lb. 58.50-60.70.

Small Frame 1 350-600 lb. 52.25-55.50.

Medium and Large Frame Mixed 1-2 350-500 lb. 53.25-56.00; 500-725 lb. 53.00-60.00.

Medium and Large Frame 2 400-700 lb. 48.00-52.25.

December 15

Weekly Summary: For the week, feeder steers and heifers averaging to 50 cents to 1.00 higher. Cows firm to 1.00 higher. Midweek sales slaughter cows — Breaking - utility and commercial 2-4 33.00-37.00; Cutter and boning utility 1-2 32.00-35.75; Canner and low-cutter 28.50-32.00, few 26.00-28.50. Bulls 2.00-3.00 lower - YG 1 few 2, 1000-1500 lb. 38.00-47.00; low-dressing 38.00-42.00; 1500-1800 lb. 41.00-49.00, several 43.00-48.00. Salable receipts this week estimated at 19,000 head compared to 22,820 last week and 16,040 last year. Cows and bulls estimated at 2,000 head, close to eleven percent of total run.

Looking For THE UNUSUAL? Find It In The CLASSIFIEDS.

G&M Livestock

Monday, December 12
Duncansville, Pa.
Report supplied by auction

SLAUGHTER CATTLE: Steers- Choice none; Good 54.00-60.00; Standard 48.00-54.00; Utility 42.00-48.00. Heifers- Choice none; Good 52.00-58.00; Standard 48.00-52.00; Utility 42.00-48.00. Cows- Choic 38.00-40.00, couple to 42.50; Good 34.00-38.00; Standard 32.00-34.00; Utility 30.00-32.00; Cutters 28.00-30.00; Canners down to 25.00. Bulls 1200-1800 lbs. 42.00-51.00; 900-1200 lbs. 40.00-48.00.

FEEDER CATTLE: Steers- Medium and Good 300-600 lbs. 48.00-58.00. Heifers- Medium and Good 300-600 lbs. 44.00-52.00.

CALVES: Vealers Prime and High Choice 80.00-90.00; Good and Choice 65.00-80.00; Standard 40.00-65.00; Utility down to 30.00. Farm Calves- Holstein bulls 90-120 lbs. 75.00-94.00; Heifers 90-120 lbs. 55.00-82.00.

HOGS: Barrows and gilts 200-240 lbs. 47.00-49.10; 170-300 lbs. 43.00-47.00. Sows- 300-600 lbs. 34.00-41.00. Boars- 22.00-28.00.

FEEDER PIGS: 25-35 lbs. 12.00-18.00 per head; 35-50 lbs. 18.00-24.00.

SHEEP: Slaughter lambs 80-120 lbs. 40.00-54.00; Ewes 9.00-20.00.

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- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
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- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

HOLIDAY SCHEDULE
Closed Mon., Dec. 26, 1983
and Mon., Jan. 2, 1984
WE WILL BE OPEN
Tues., Dec. 27th & Tues., Jan. 3rd

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

FRIDAY, DECEMBER 23
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 1:00
Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

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Hand mated with Breeding Dates

This Sale 25 Second Litters

Local Trucker Available
No Hogs Sold On Commission

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R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer

NEXT SALE DATE JANUARY 20

VIRGINIA MARKETS

Livestock market and auction news

Virginia Auction Summary

December 7-14
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 6,278.

TREND: Steady.

Southwestern, Va.
Auction Summary
December 7-14

STEERS: 300-500 lbs. Medium 1 55.00-65.50; Large 1 61.00-72.50; Small 1 51.00-62.00. 500-700 lbs. Medium 1 52.00-63.00; Large 1 55.00-65.00; Small 1 50.00-60.00. 700-1000 lbs. Medium 1 48.00-60.75; Large 1 56.50-62.50; Small 1 50.00-54.00.

HEIFERS: 300-500 lbs. Medium 1 42.00-53.00; Large 1 44.00-55.00; Small 1 48.00-49.00. 500-700 lbs. Medium 1 41.00-54.50; Large 1 43.00-53.50; Small 1 39.50-46.50; 700-900 lbs. Medium 1 41.50-50.75; Large 1 45.00-51.50; Small 1 39.00-42.00.

Northern Va.
Auction Summary
December 7-14

STEERS: 300-500 lbs. Medium 1 52.75-65.50; Large 1 59.50-66.00; Small 1 53.50-61.00. 500-700 lbs. Medium 1 51.00-63.50; Large 1 53.50-65.00; Small 1 50.00-55.75. 700-1000 lbs. Medium 1 50.00-61.25; Large 1 53.00-61.00.

HEIFERS: 300-500 lbs. Medium 1 41.50-52.50; Large 1 45.00-53.00; Small 1 38.00-45.50. 500-700 lbs. Medium 1 41.00-53.25; Large 1 44.00-48.75; Small 1 39.50-45.50. 700-900 lbs. Medium 1 40.00-46.25; Large 1 45.00-48.00.

Southeast Va.
Auction Summary
December 7-14

STEERS: 700-1000 lbs. Medium 1 55.00-56.75; Large 1 57.25.

HEIFERS: 300-500 lbs. 46.00-49.50. 500-700 lbs. 500-700 lbs. 43.00-47.00. 700-900 lbs. 35.00-37.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, December 10
Report supplied by auction

FEEDER CATTLE: Trend: Steers steady to 1.00 higher; Heifers 1.00-2.00 lower; Bulls steady. Steers: M&L-1 300-500 lbs. 55.00-64.00; 500-700 lbs. 57.50-62.50; 700-1000 lbs. 56.50-61.25; Holstein 300-1000 37.00-43.25. S-1&M&L-2 300-500 lbs. 53.50-64.00; 500-700 lbs. 53.00-57.00; 700-1000 lbs. 50.50-55.00. Feeder Bulls: M&L-1 300-500 lbs. 54.00-61.50; 500-700 lbs. 47.50-51.25; 700-1000 lbs. 44.50. S-1&M&L-2 300-500 lbs. 48.00-55.00; 500-700 lbs. 47.50-51.00. Heifers: M&L-1 300-500 lbs. 41.50-47.50; 500-700 lbs. 42.50-47.50; 700-800 lbs. 40.00-44.75. S-1&M&L-2 300-500 lbs. 35.50-43.75; 500-700 lbs. 38.50-44.25. Stock Cows: Beef 300.00-325.00. Baby Calves-32.00-68.00.

SLAUGHTER COWS: Trend-Steady. Utility & Commercial 2-4 28.00-37.00; Canner & Cutters 1-3 22.00-28.00.

SLAUGHTER BULLS 1 & 2 38.00-48.25.

LAMBS: High Choice & Prime 57 50; Choice 49.50; Feeder Lambs Choice 52.00-53.00; Slaughter Ewes 13.00-17.24; Head Ewes 20.00-25.00.

HOGS: Sows 1-3 27.00-35.00. Boars 26.25.

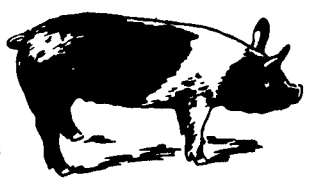
VEAL: Choice & Prime 65.00; Good 55.00-59.50.

SLAUGHTER CALVES: Good & Choice 41.00-51.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, December 12
Report supplied by auction

Holstein Hfr. Calves to 52.00; Veal Calves 65.00-80.00; Vealer Bull Calves 60.00-84.00; Slaughter Calves 35.00-45.00; Grassers & Feeders 27.00-50.00; Lambs 40.00-49.00; Sheep 8.00-25.00; Hogs, 200 to 250 40.00-44.00; Sows 28.00-35.25; Boars 25.00-31.50; Pigs 10.00-29.00; Heifers 35.00-46.00; Steers 38.00-47.00; Steers, feeder 35.00-50.00; Bulls 38.00-44.00; Cows, utility 34.00-36.00; Cows, fat 32.00-35.00; Cows, medium 28.00-32.00; Cows, poor or small 25.00-28.00; Cattle Market steady; Calf Market steady; Horses small to 250.00; Ponies none; Goats 21.00-44.00; Hay none; Straw none.



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Will have their regular Sat. Hog Auction
Sat., Dec. 24 at 9 AM
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It's easy. And it takes very little investment. Rent a stand in Pennsylvania's most prestigious marketplace and sell retail to a steady flow of customers. The people of Philadelphia and the surrounding Delaware Valley have been shopping at the Reading Terminal Market for more than fifty years. It's a Philadelphia tradition that is known worldwide. Quality farm products from responsible standholders for discriminating people everywhere.

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That's right. Only $12.50 to rent a stand for one day. Then see for yourself how well it pays off. If you're not completely satisfied we'll refund your money. Whether you want to retail fruit, vegetables, home made cheese, baked goods or anything else you prepare or produce (including crafts), you can name your own prices and make up your own assortments.

YES, I'm interested in your one day offer. Please send me without obligation details on how I can establish a retail outlet stand at the Reading Terminal Market.

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Address _____

_____ Zip _____

Product _____

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For complete information mail this coupon today!

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since 1893

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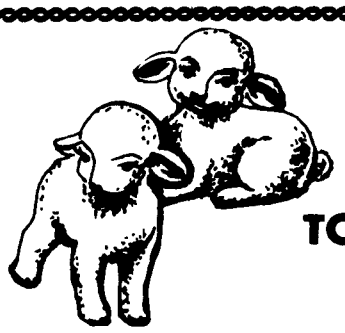
Happy Holiday
We're glowing with bright wishes to all our friends and customers
Have the merriest of Christmases!
GREEN DRAGON LIVESTOCK SALES
Walter & Joyce
717-733-2444
Notice: THERE WILL BE NO SALE HELD ON DECEMBER 23.



AN IMPORTANT NOTICE TO ALL CONSIGNORS OF LAMBS —

With Christmas December 25th we recommend that your lambs for the Christmas trade be consigned on Monday, December 19th. All lambs will be sold at auction beginning at noon and will be sorted and weighed upon arrival.

Keep in mind this Monday for consigning your lambs December 19th, and your consignments are respectfully solicited. Sorting and weighing will begin at 5 A.M.

For further information contact Ken Smoker area 215-593-2123 (residence) or area 717-397-5136 (office).

Walter M. Dunlap and Sons
Lancaster Stockyards

Part III

BY DICK ANGLESTEIN

(This is the third segment of a four-part holiday message from a Christmas on a small Pennsylvania farm a number of years ago.)

It was two days before Christmas and the third and final round of chicken deliveries for the father and son. The day dawned bright and cold. But neither the warm greeting of the cows during chores or the bright sunshine did little to cheer the downhearted lad after two successive days of losses.

During the customary morning stop at the old German carpenter, the father and grey, grizzled craftsman talked even more than the day before. Again, the boy knew that he and his disappointing experiences were the chief topics of discussion.

"The old man wants to see you tomorrow morning," the father said as they piled the load of boxes and crates onto the truck.

"You can ride along when I drop off his chicken tomorrow."

It had been the family's custom for many years to give the old German a holiday chicken as a little something extra for the occasional carpentry duties he performed.

Off on their deliveries, the pair went. Out the long, rutted farm lane, down the steep winding hill that bordered the hillside farm and into a nearby village. The boy checked his pockets -- no holes today. And he made certain to close the truck door at each stop.

He dutifully accompanied his father as a boxed bird was carried to each customer's door. But the edge had been taken off his enthusiasm. After a lost nickel and a box of candy on the two previous days, the little boy -- his face half-hidden by a scarf-- wanted just one more chance at a treat, but was almost afraid to seek it. The scarf helped hide his mixed feelings.

As the number of remaining customers dwindled so did the boy's hopes. Finally all that remained was the delivery to the owner of the general store at the crossroads about halfway between the farm and town. At the same time, the father would get their final store order for the holiday.

Usually gruff and grumpy, the storekeeper was in an unusually good mood. It must have been a good selling season. After taking the bird and putting their order in three large sacks, the storekeeper turned to the boy and said:

"And how about a little something extra to take along home.

"Look around and pick something out "

The downcast eyes of the boy lifted and resumed some of their former sparkle as he scanned the counters and shelves.

But the boy knew he had also received a bit of a problem with the offer. He had to decide whether to pick something the whole family could enjoy or something for just himself. His thoughts drifted back to the previous two days and his own personal desire to make up for them won out.

He selected a wooden truck that obviously was only for him and the storekeeper slipped it into a bag. The grocery sacks and toy were placed in the back of the truck and the pair started back to the farm. The boy kneeled on the seat, staring out the small back window of the truck. He wasn't going to let that bag with his truck out of his sight.

All of a sudden the truck hit a hole in the road. All of the bags were jostled about but the boy watched in horror as only his bag with the toy flew out of the truck. It bounced a couple of times before coming to rest just in the path of a passing car.

The boy's heart was as broken as the toy.

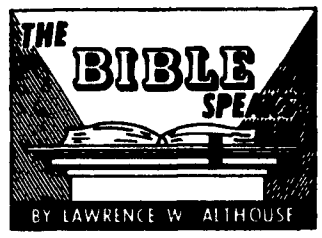
First, a coin he never got to spend.

Then, candy he never got to taste.

And now, a toy he'd never get to play with.

The father let the silence of the remainder of the ride back home 'speak' to the boy. Anything he would have said would not have gotten through to help lift the curtain of despair that had fallen again across those little eyes.

CONCLUSION -- NEXT WEEK



WHAT SHALL WE CRY?

December 18, 1983

Background Scripture:
Isaiah 40 through 41.
Devotional Reading:
Isaiah 46:8-13.

A story in today's newspaper simply amazed me!

WASHINGTON — The Supreme Court, trying to decide whether communities may include Nativity scenes in their official Christmas displays, was told Tuesday that the celebration is primarily "a secular national folk festival" and not a religious holiday. William McMahon, lawyer seeking to win back for Pawtucket, R.I., the city's authority to sponsor a Nativity scene, argued: "The city is celebrating a legitimate national holiday, not promoting religion" and called Christmas a "dominantly secular"...holiday in its contemporary celebration.

DALLAS MORNING NEWS, October 5, 1983).

My first reaction after the shock of it all was anger at the incredible statement that Christmas is a "dominantly secular holiday." But, the more I thought that the lawyer was simply reflecting what he experienced: a secular holiday quite devoid of religious significance. That is not what Christmas is supposed to be, but perhaps that is what we have let it become.

THE WAY OF THE LORD

So, maybe we need to rethink the meaning of Christmas so that we can better communicate it to the world. What is the messenger of Christmas of our world? As Isaiah asked, "What shall I cry?"

For one thing, the Christmas message is one of comfort and pardon for a weary and guilty world:

Comfort, comfort my people, says your God. Speak tenderly to Jerusalem, and cry to her that her warfare is ended, that her iniquity is pardoned...(Is. 40:1,2).

To a world torn by strife, poverty, injustice, fear and the threat of nuclear holocaust, that is eternal "Good News."

Secondly, the Christmas message is a call for preparation:

In the wilderness prepare the way of the Lord, make straight in the desert a highway for our God...(Is. 40:3).

Christmas is not delivered with the morning paper, it must be prepared for and received. Every valley of human sin must be lifted up and every mountain of human ego must be made low.

LIKE A SHEPHERD

Thirdly, the message of Christmas is one of reverence for the might and power of God: "Behold, the Lord God comes with might, and his arm rules for him" (Is. 40:10). And the might of God stands in stark contrast to the natural impermanence of human beings: "Surely the people is grass. The grass withers, the flower fades, but the word of God will stand forever" (Is. 40:7,8).

Lastly, let us cry the love of God who, "feeds his flock like a shepherd." It was by the power of that love that Christ was born and is reborn again and again in all hearts that will receive him. That is something to cry about!

Farm Calendar

Monday, Dec. 19

Avian influenza update at 7:30 p.m. at the Adams County Extension office.

Avian influenza meeting for Lancaster County poultry producers at 1:30 p.m. at the Farm and Home Center.

Tuesday, Dec. 20

Dairy Reproductive Health Workshop in Sullivan County.

Wayne County ag road/bridge meeting at 8 p.m. in the Extension office.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Care For Equipment in Depopulated Poultry Houses

After depopulated poultry houses have met the requirements for the C&D Committee of the Health Task Force, you may wish to take additional steps to slow the rate of deterioration of the equipment. Dr. Forest Muir, poultry specialist at Penn State, offers these suggestions.

— Cages - After cleaning and disinfecting, spray on a thin coat of light oil. The same oil used on eggs has been suggested. Apply with fly fogger, paint sprayer or similar equipment. Hold the nozzle a few inches below the cage bottom and apply while walking at a normal rate down the aisles. CAUTION — A CHARCOAL FILTER RESPIRATOR SHOULD BE WORN WHILE SPRAYING THE OIL.

— Feeders, Fan Blades and Grills - Wipe clean and spray with light oil as suggested above.

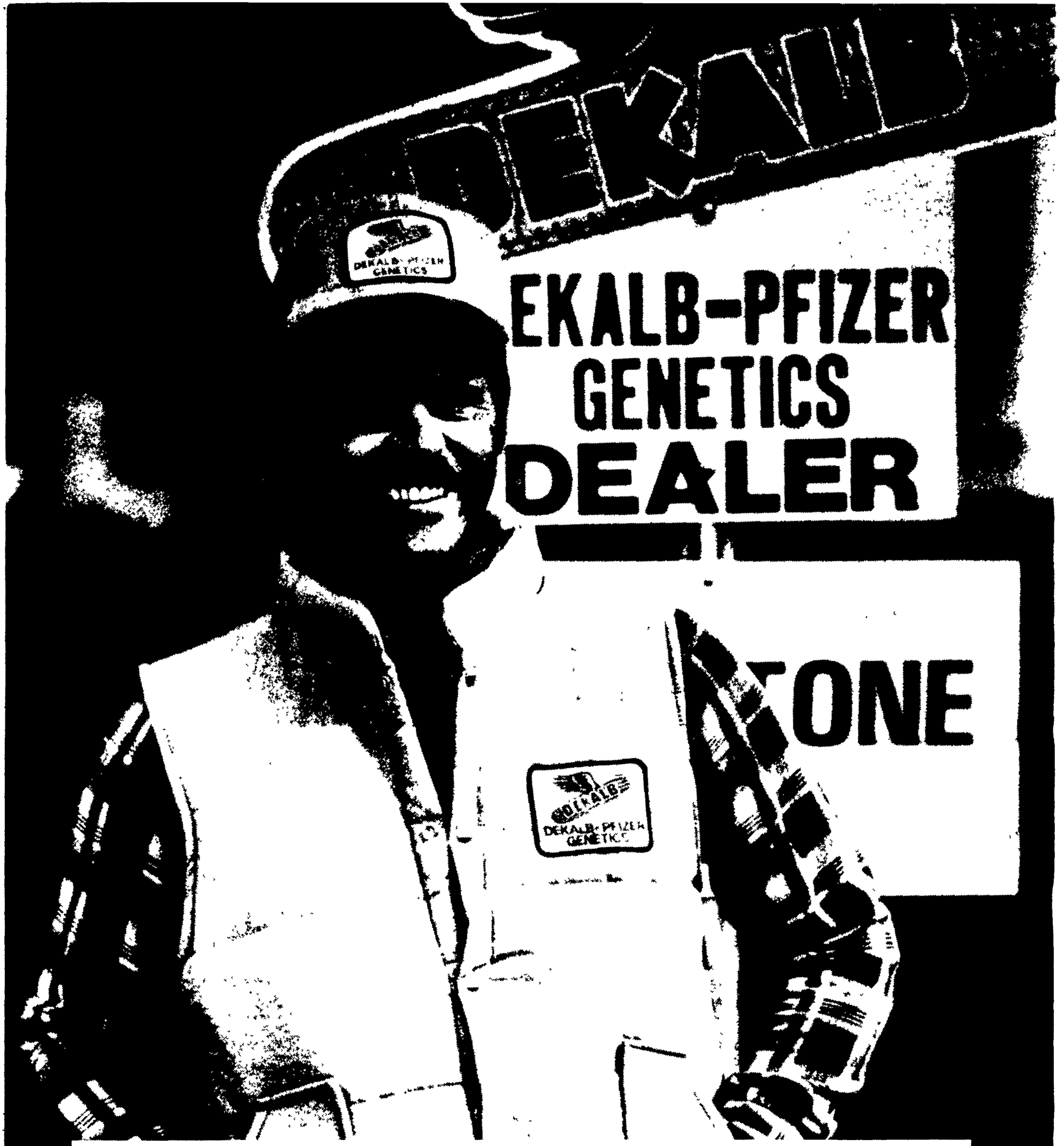
— Thermostats - Clean and place plastic bag over them loosely.

— All Motors and Gear Boxes - Clean and lubricate. Reduce tension on belts. It would be advisable to run gear boxes monthly to splash lubricant over all gears.

— Bearings - All non-sealed greasable bearings should be greased to force moisture out of bearings.

(Turn to Page A12)

Otis



"There are two good reasons to plant more corn in '84. XL-61 is one of them."

This year, like most years, I planted what I sold. And I sold more XL-61 than any other corn hybrid.

I've always been impressed with the quick start, strong stalks and healthy plants I get with XL-61. And I'm even more impressed with the consistently high yields.

While a lot of my customers plant XL-61 for its top quality grain, many plant it because it's also ideal for silage. With XL-61, there's no problem with ear retention either.

So, for my money, and yours, XL-61 is one real good reason to plant more corn next year. And the other reason? That's a dealer like me who knows his product line and can recommend the hybrids that will fit your needs and make the most of your acres.

See your DEKALB-PFIZER GENETICS dealer soon. He may give you more than a couple of good reasons to plant more corn in '84.

Who's giving you good reasons to plant more corn?

I am.

DEKALB-PFIZER GENETICS

"DEKALB" is a registered brand name. Numbers designate hybrids. As a condition of sale, please note statement of limited warranty and remedy on DEKALB-PFIZER GENETICS orders and tags.

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Now is the Time

(Continued from Page A10)

— Water Lines - Drain all water lines and also protect lines that can't be drained.

To Learn About the Dairy Bill

The new dairy bill forces dairymen in a position of having to make some very important decisions very soon, according to Extension Dairy Agent, Glenn Shirk. Should I cut back production and participate? How can I determine if it would be profitable? What restrictions will be placed upon the sale and disposition of cows and heifers? When and how do I apply? What affect would my participation have upon my milk base and upon my milk prices after the 15 month contract ends? What affect will participation by me and other dairymen in this bill have upon future dairy legislation? This is a sampling of some of the questions and concerns that will be addressed at two meetings scheduled to inform dairymen about the new dairy bill. The meetings will be held Dec. 20 at the Lancaster Farm and Home Center, at 1:00 p.m. and at 8:00 p.m.

To Be Aware of Fertilizer Value of Manure

The 1983-84 Agronomy Guide lists, on page 12, the real fertilizer value in our livestock and poultry manure. As fertilizer costs increase, we need to make every effort to use and preserve these manure fertilizer elements. On the basis of the fertilizer content at current fertilizer prices cattle manure has $3.80 worth of fertilizer elements per ton, swine manure contains about $5.00 worth and poultry manure contains about $14.00 worth of fertilizer elements. This will vary depending on the moisture and bedding content. In addition, all types of manure add organic matter to the soil which is needed on most farms. For best results manure should be either incorporated into the topsoil or stored in a water-tight pit until it can be spread and mixed with the soil.

To Use a Real Tree For Christmas

This is the time of year that most people are considering the type of Christmas tree to buy. And I hear objections to using real trees as being wasteful. So let's take a look at this situation. Actually, the Christmas tree farmer is raising trees as a crop, and a source of income. This is much the same as the farmer who raises wheat, corn or soybeans to sell or use on his own farm. Christmas trees are raised on land not suited for other crops — not even pasture land. It's mostly rolling land and highly acid.

Also remember that these Christmas tree farmers are putting this land to good use; by conserving the soil and providing an excellent water shed. Keep in mind that Christmas tree farmers have a very slow turnover in their capital — from the time they plant the tree till it's ready for your living room can be from five to six years on the small trees to 10 to 15 years on the larger trees.

Another fact to consider is there is nothing like the fresh aroma of a real tree in your home during the Christmas season.

Livestock market

Greencastle Livestock

Monday, December 12

CATTLE: Butcher Steers - Choice 62.00-66.00; Butcher Steers - Medium - Good - 51.50-62.50; Butcher Heifers - Choice up to 63.00; Butcher Heifers - Medium - Good 43.50-59.00; Butcher Cows - Utility - Good 34.00-37,00 few to 39.00; Butcher Cows - Canners and Cutters 31.00-36.00; Butcher Cows - Shells 31.00 and down; Butcher Bulls - Medium - Good 43.00-52.10; Stock Steers - Medium - Good up to 67.00; Stock Heifers - Medium - Good up to 50.50.

CALVES: Medium-Good Calves - 160-220 lbs. 80.00-102.00; Medium-Good Calves - 120-150 lbs. 65.00-90.00; Medium-Good Calves - 100-120 lbs. 50.00-70.00; Medium-Good Calves - 80-100 lbs. 40.00-55.00; Holstein Bull Calves up to 96.00; Light and Green Calves down to 30.00.

HOGS: Good-Choice Butcher Hogs 190-225 lbs. 42.00-47.00; Good-Choice Butcher Hogs 225-250 lbs. 46.00-47.00; Good-Choice Butcher Sows 400 lbs., up to 37.00; Good-Choice Butcher Sows 400 lbs., up to 39.00; Heavy Boars up to 26.00; Pigs - Per Head 16.00-29.00.

Sale every Monday 6 PM

Leesport Auction

Leesport, Pa.
Wednesday, Dec. 14
Report supplied by PDA

CATTLE 286: Supply included 49 feeder cattle. compared with last Wednesday's market, slaughter steers strong to 2.00 higher. Slaughter cows 1.00-3.00 higher. Choice 1000-1400 lbs. slaughter steers 62.50-64.75, one 65.25, few Good & Choice 1200-1400 lbs. holsteins 52.25-55.50, Good 56.25-62.75, Standard 47.00-55.50, few Utility & Low Standard 40.75-43.75. Few Choice slaughter heifers 58.00-60.25. Utility & Commercial slaughter cows 36.00-40.85, few Commercial yield grade 3-4, 38.00-43.25, Cutters 34.00-37.00, Canner & Low Cutters 30.75-34.75, Shells down to 27.25. Few Good & Choice slaughter bullocks 56.25-61.75, few 66.50, few Standard 50.00-52.00. Yield grade #1 1270-1875 lbs. slaughter bulls 48.25-52.00, few 56.75, #2 975-1350 lbs. 42.75-48.25.

FEEDER CATTLE: Large Frame #2 375-800 lbs. feeder steers 40.50-44.00. Few Medium Frame #2 500-560 lbs. feeder bulls 37.50-46.00.

CAVLES 201: One Prime vealer at 109.00, few Choice 84.00-91.00, few Good 70.00-80.00, Standard & Good 90-110 lbs. 45.00-48.00, 70-85 lbs. 37.00-45.00, Utility 90-100 lbs. 35.00-43.00, 50-85 lbs. 25.00-35.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 45.00-93.00, mostly 70.00-90.00.

HOGS 307: Barrows and gilts 4.00-4.50 higher. US No. 1-3 205-250 lbs. barrows and gilts 47.00-47.75, No. 1-3 205-250 lbs. 46.75-47.50, lot No. 2-3 265 lbs. at 46.50, lot No. 1-3 180 lbs. at 44.50. US No. 1-3 290-630 lbs. sows 33.50-36.00, few 36.75, Medium 280-400 lbs. 31.00-34.00. Boars 25.00-27.50, few light weights 29.00-30.50.

FEEDER PIGS 268: ALL SALES PER HUNDREDWEIGHT BASIS. US No. 1-3 20-40 lbs. feeder pigs 66.00-77.00, No. 1-3 50-60 lbs. 56.00-62.00.

SHEEP 76: High Choice & Prime 35-60 lbs. lambs 80.00-105.00, 65-80 lbs. 66.00-75.00, few Choice 70-115 lbs. 50.00-57.00, Utility & Good 45-70 lbs. 43.00-50.00. Slaughter sheep 10.00-23.00.

GOATS 29: Large Adult 31.00-38.00, one 55.00, Large Kids 21.00-32.00 per head.

Keister's Livestock

Tuesday, December 13
Report Supplied by PDA

CATTLE 411. Compared with last Thursday's market, slaughter steers grading Good and Choice $1-$2 higher. Slaughter cows $1.50-$2.75 higher, spots $5 higher. Choice 2-4 1050-1430 lbs. slaughter steers 62.75-65.35, couple 66.50, Good 57.00-62.25; few Good holsteins 52.85-56.25, Standard 48.00-54.25, few Utility 44.00-46.75. Few Choice slaughter steers 58.00-63.75, few Good 55.00-58.50. Utility & Commercial slaughter cows 36.25-40.25, few 44.75, one 48.00, Cutters 34.00-36.50, Canner & Low Cutters 32.85-34.50. Individual Good slaughter bullock at 56.25. Yield Grade #1 1000-1895 lbs. slaughter bulls 43.75-50.35.

FEEDER CATTLE: Medium Frame #1 375-875 lbs. feeder steers 52.50-58.50, couple 61.50, Large #2 400-750 lbs. 40.00-46.00. Medium Frame #1 450-675 lbs. feeder heifers 45.00-48.00.

CALVES 196. Few Choice vealers 80.00-85, few Good 70.00-77, Standard & Good (few) 105-120 lbs. 50.00-55, 70-100 lbs. 38.00-48, Utility 60-80 lbs. 30.00-36.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 50.00-90, mostly 75.00-85.00.

HOGS 236. Barrows and gilts $6 higher. US No. 1-2 210-235 lbs. barrows and gilts 49.00-50, No. 1-3 2-250 lbs. 48.00-49, No. 2-3 190-270 lbs. 46.50-48. HOGS 72. (12-12-83) NO PRICES QUOTED. US No. 1-3 350-600 lbs. sows 32.00-34.50.

FEEDER PIGS 97. Us No. 1-3 20-30 lbs. feeder pigs 12.00-17 per head, No. 1-3 50-65 lbs. 33.00-35 per head.

SHEEP 32. Few Choice 90-100 lbs. wooled slaughter lambs 52.00-57, Good & Choice 70-130 lbs. 48.50-51.00.

ATTENTION FARMERS

Guy Braxton

The Ag-business consultant firm of **Braxton Enterprises**

is now accepting new clients. If you are interested in improving your present farm operation and looking for means of reducing cost without cutting corners, you'll be interested in the services we have to offer. We specialize in solving many severe weed problems.

WEED PROBLEMS

If you have any of the following problems, call us:

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It's In Your Best Interest

Livestock market and auction news

Lebanon Valley Livestock

Tuesday, December 13
Report Supplied by PDA

CATTLE 270. Compared with last Tuesday's market, slaughter cows steady to 50 cents lower. Choice 2-4 1125-1415 lbs. slaughter steers 61.85-64.10, Good 59.85-61.85, few down to 57.50; Few Good & Choice holsteins 52.00-55.85, Standard 45.00-52.10, few Utility 39.00-43.50. Few Choice slaughter heifers 60.75-62.10, few Good 52.25-54.00, Standard 40.00-48.60, Utility & Low Standard 36.00-39.25. Utility & Commercial slaughter cows 36.85-39.75, two 41.00&49.50, Cutters 34.00-37.50, few 39.75, Canner & Low Cutters 28.75-34.85, Shells down to 23.50. Few Good slaughter bullocks 46.25-50.50, few Utility 43.00-47.00. Few Yield Grade #1 1465-1790 lbs. slaughter bulls 48.00-53.00.

CALVES 253. Vealers grading Standard and Good steady to strong. Two Choice vealers 80.00&95.00, One Good at 56.00, Standard & Good 90-120 lbs. 46.00-47, few 50.00, 60-85 lbs. 40.00-44, few Utility 55-100 lbs. 34.00-40.00.

FARM CALVES: Holstein Bulls 90-120 lbs. 65.00-90, mostly 80.00-88, few 85-95 lbs. 44.00-52.00.

HOGS 88. Barrows and gilts $4 higher on small supply. US No. 1-2 230-245 lbs. barrows and gilts 48.00-48.25, No. 1-3 230-235 lbs. 47.10-48.10, lot No. 2-3 245 lbs. at 46.60, few No. 2-3 285-385 lbs. 40.00-45.35. US No. 1-3 330-580 lbs. sows 33.50-35, No. 2-3 420-535 lbs. 31.25-33.50. Few Boars 23.00-26.00.

FEEDER PIGS 14. US Utility 55-120 lbs. feeder pigs 24.00-32 per hundredweight.

SHEEP 13. Two Choice 25&30 lbs. New Crop Lambs 77.00&80.00, Choice 50-100 lbs. wooled lambs 42.00-47, one at 52.00, One Good 55 lbs. at 40.00. GOATS 7: 15.00-45 per head.

Chambersburg Livestock

Thursday, December 8
Report Supplied by PDA

CATTLE 380. Compared with last Thursday's market, slaughter cows 75 cents-$2 lower. Few Good slaughter steers 53.85-59.75, few Good holsteins 54.25-55.10, few Standard 48.25-53.85, few Utility 37.75-40. Few Good slaughter heifers 57.75-58.50, few Standard 46.00-52.50. Utility & Commercial slaughter cows 33.75-36.75, couple 37.60, one at 40.00, Cutters 31.85-34.85, Canner & Low Cutters 28.25-31.85, Shells down to 24.00. Few Yield Grade #1 1090-1800 lbs. slaughter bulls 45.50-51.75, couple down to 38.60.

CALVES 554. Vealers grading Good and Choice $5-$7 higher. Few Prime vealers 96.50-100, Choice 85.00-99, Good 60.00-82, few Standard and Good 100-125 lbs. 50.00-55, 70-95 lbs. 41.00-47, Utility 60-90 lbs. 20.00-43.00.

FARM CALVES: Holstein Bulls $10-$15 higher. Holstein Bulls 90-130 lbs. 55.00-95, mostly 75.00-90; Holstein Heifers 90-130 lbs. 50.00-63.00.

HOGS 66. Barrows and gilts $3 higher. US No. 1-3 210-250 lbs. barrows and gilts 43.50-44.35. US No. 1-3 320-500 lbs. sows 32.50-37.25. Few Boars 22.00-26.25.

FEEDER PIGS 67. Lot US No. 1-3 30 lbs. feeder pigs at 20.00 per head, Utility 20-40 lbs. 5.00-9.00 per head.

SHEEP 9. Few Choice 90-105 lbs. wooled slaughter lambs 49.50-53.50.

GOATS 15: Large 20.00-47.00 per head.

New Holland Dairy

New Holland Sales Stables
Wednesday, December 7
Report supplied by auction

Reported receipts of 125 cows, 52 heifers, and 10 bulls.

Market steady.

Load of Franklin Co. Fresh cows 650.00-1000.00.

Load of Connecticut Fresh cows 785.00-1550.00; springers 825.00-1225.00.

Load of PA Fresh cows 850.00-1000.00.

Load of PA Fresh cows 540.00-810.00.

Load of 25 hd. all stages cows 425.00-925.00.

Locally consigned cows 280.00-1060.00.

Springing heifers 475.00-910.00.

Open heifers 270.00-450.00.

Bulls 250.00-710.00.

VINTAGE SALES STABLES, INC.
AUCTIONS
Starting
THURSDAY, NOV. 3, 1983
Every Thursday at 1 P.M.
HAY, STRAW & GRAIN
Sold on Commission
10 miles east of Lancaster, 8 miles west of Coatesville on Rt. 30, Paradise, PA.
L. Robert Frame, Manager
For information
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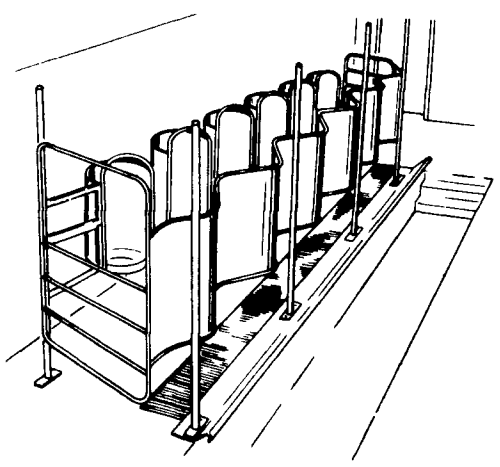
Westfalia's Answer To More Profitable Milking

The "44" Herringbone Parlor Stalls



DESIGNED FOR:

- Better cow comfort
- Improved cow flow
- Greater operator convenience
- Easy installation

Constructed of hot dipped galvanized tubing with stainless steel managers.

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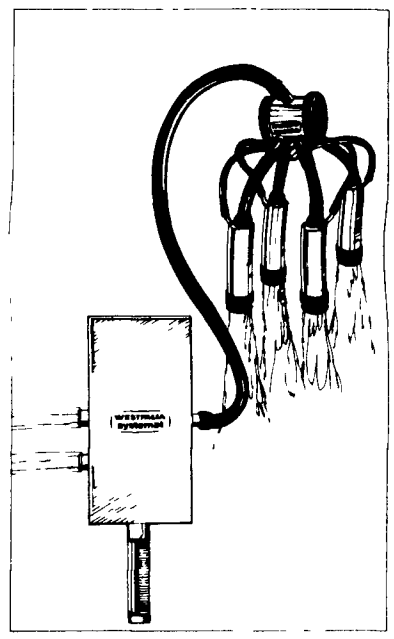
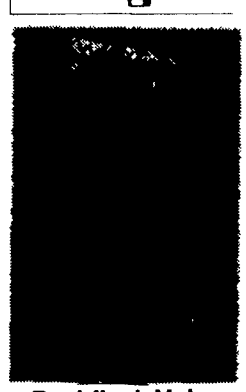
An effective aide for prevention and control of mastitis.

Yes! Westfalia's Backflush, with automatic control, will sanitize your milker units between cows. It's fully automatic for group or individual systems. Works well in any type of milking parlor or milking flat barn operation.
Make Westfalia an integral part of your herd sanitation program.



Backflush Control Panel



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Livestock market and auction news

St. Louis Cattle

Thursday, December 15

Receipts This Week 4,300;
Week Ago 5,300;
Year Ago 6,100.

Compared to last week, slaughter steers mostly 2.50, instances 3.00 higher. Slaughter heifers 2.50-3.00 higher. Cows mostly 1.00, instances 2.00 higher. Bulls weak to 1.00 lower. Slaughter supply mainly choice and mixed choice and prime slaughter steers, around 30% heifers and 15% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1050-1350 lbs. 62.50-63.50. Choice 2-4 950-1300 lbs. 61.00-62.50. Mixed good and choice 2-3 900-1200 lbs. 60.00-61.50. Good 2-3 900-1200 lbs. 58.00-60.00. Mostly good 2-3 1100-1400 lb. holsteins 50.00-56.00. Standard 2-3 925-1050 lbs. 43.50-47.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1125 lbs. 61.00-61.50, package 62.00. Choice 2-4 850-1075 lbs. 59.50-61.50, closing 60.00-61.50. Mixed good and choice 800-1000 lbs. 57.50-60.00. Good 2-3 750-975 lbs. 54.50-58.00.

COWS: (Closing Week Sales: Breaking utility and commercial 2-4 32.00-35.00. Cutter and boning utility 1-2 32.00-35.00. High-yielding boning utility 1-2 35.00-36.00. Canner and low cutter 1-2 28.00-32.00. Shelly canner 1-2 24.00-28.00.

BULLS: YG 1-2 1100-1900 lbs. 40.00-45.00, mostly 40.00-43.00.

Weekly Summary
December 15

Wednesday's weekly sheep auction. Receipts about 550 head. Slaughter and feeder lambs firm to 1.50 higher than last week. Supply mainly slaughter lambs.

SLAUGHTER LAMBS: Mixed choice and prime 95-125 lb. wooled 54.50-60.50. 95-125 lb. shorn lambs with No. 1-2 pelts 60.00-62.00.

FEEDER LAMBS: Choice and fancy 70-95 lbs. 53.00-57.00.

FEEDERS: (Including around 1,400 at the regular Thursday auction.) Feeder steers under 500 lbs. 2.00 lower; steers over 500 lbs. steady to 2.00 higher. Feeder heifers steady to 2.00 lower in a light test. Supply mainly 500-700 lb. feeder steers.

FEEDER STEERS: Medium and Large Frame 1: 300-500 lbs. 56.00-62.00; 500-700 lbs. 55.00-62.00; 700-900 lbs. 57.00-62.50.

Large Frame 2 Holsteins: 650-1000 lbs. 39.00-43.50.

FEEDER HEIFERS: Medium and Large Frame 1: 300-500 lbs. 46.00-50.00; 500-600 lbs. 46.00-52.00; few 700-750 lbs. 48.00-51.00.

New Wilmington Livestock

Monday, December 12
Report Supplied by PDA

CATTLE 232. Compared with last Monday's market, slaughter cows $1 higher. Few Choice slaughter steers 58.25-60.25, couple 62.00&63.25, few Good 53.75-58, Standard 47.00-53, few Utility 42.00-45. Couple Good slaughter heifers 54.25&55, few Standard 43.25-49.00. Utility & Commercial slaughter cows 35.00-38, few 38.75-40.25, Cutters 33.00-36, Canner & Low Cutters 27.00-33, Shells down to 20.00. Few Standard slaughter bullocks 42.25-44.00. Few Yield Grade #1 1100-1875 lbs. slaughter bulls 43.00-46.75, few #2 1185-1700 lbs. 40.00-42.00.

FEEDER CATTLE: Medium Frame #1 540-865 lbs. feeder steers 35.00-40, #2 450-740 lbs. 30.50-33.75. Large Frame #2 680-910 lbs. feeder heifers 33.50-40.00.

CALVES 348. Vealers steady. One Prime vealer at 99.00, few Choice 75.00-90, few Good 55.00-72, 65-85 lbs. 30.00-46, Utility 50-85 lbs. 15.00-25.00.

FARM CALVES: Holstein Bulls 95-135 lbs. 55.00-78; Hol. Heifers 85-130 lbs. 48.00-55.

HOGS 472. Barrows and gilts $5-$7 higher. US No. 1-2 210-255 lbs. barrows and gilts 48.00-50.25, No. 1-3 2-270 lbs. 45.50-48.35, No. 1-3 135-180 lbs. 35.00-40. SOWS $1-$2 higher. US No. 1-3 300-575 lbs. sows 33.00-38, few 42.00. BOARS 25.00-29.00.

FEEDER PIGS 37. US No. 1-3 20-35 lbs. feeder pigs 9.00-14 per head, No. 1-3 35-50 lbs. 14.00-26 per head.

SHEEP 192. Choice&Prime 60-125 lbs. wooled slaughter lambs 48.00-57, Good 50-80 lbs. 38.00-51.00. Slaughter ewes 2.00-15.00.

Eighty-Four Livestock

Monday, December 12
Report Supplied by PDA

CATTLE 348. Compared with last Monday's market, slaughter cows $1.50-$2 lower, spots $2.50 lower. Few Good slaughter steers 56.00-58, Standard 49.00-53, few Utility 44.00-47. Few Good slaughter heifers 51.00-54, few Standard 43.00-47.50, few Utility 38.00-42. Utility & Commercial slaughter cows 34.25-38.25, few 38.50-40, Cutters 31.25-34.50, Canner&Low Cutters 26.00-31.50, Shells down to 18. Few Good slaughter bullocks 46.00-48.00. Yield Grade #1 1000-1760 lbs. slaughter bulls 43.50-47, #2 900-1400 lbs. 40.00-44.00.

FEEDER CATTLE: Medium Frame #1 380-600 lbs. feeder steers 54.00-64, #2 400-900 lbs. 46.00-51.00. Medium Frame #1 350-500 lbs. feeder heifers 48.00-51. Medium Frame #1 400-600 lbs. feeder bulls 55.00-60, #2 550-750 lbs. 43.00-48.00.

CALVES 278. Vealers $2-$4 lower. Couple Choice vealers 90.00&94, few Good 78.00-86, Standard & Good 90-120 lbs. 43.00-50, 60-80 lbs. 39.00-44, few Utility 45-65 lbs. 25.00-35.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 56.00-72.00.

HOGS 74. Barrows and gilts $4-$6 higher. US No. 1-2 2-240 lbs. barrows and gilts 46.25-47.75, few 48.00, few No. 1-3 170-185 lbs. 46.00-46.75. US No. 1-3 300-500 lbs. sows 34.00-36, No. 2-3 400-600 lbs. 32.00-34.00. BOARS 26.50-28.00.

FEEDER PIGS 20. US No. 1-3 20-30 lbs. feeder pigs 10.00-14 per head, No. 1-3 55-80 lbs. 27.00-30.50 per head.

SHEEP 171. Wooled slaughter lambs $2-$3 higher. High Choice 75-95 lbs. wooled lambs 57.00-59.25, Choice 75-102 lbs. 55.00-57.25, few Utility 55-70 lbs. 30.00-45.00. Slaughter sheep 12.00-16.00.

Apple Market News

Apple Market News

Monday, December 12
Report supplied by PDA

First the good news. Demand for Stayman Traypacks is strong and prices are good. Now for the rest. Demand for bagged apples is poor. Movement is way off and prices are low. IAI reports the highest inventories in 5 years in the region. With the smaller crop this year, inventories should be much lower.

Processing reports too few loads purchased to establish a market. No change expected until January 1984.

Juice loads - $3.00 to $4.00, very few $4.50, but not too much activity. Juice stocks are high.

SUMMARY

Red Delicious 12/3 bags extra fancy 8.50; Comb. Fancy & Ex. Fcy. 5.50-6.50.

Golden Delicious Comb. Fancy & Ex. Fancy 5.50-6.50; U.S. Fancy 6.50.

Stayman Comb. Fancy & Ex. Fancy 6.90; U.S. Fancy 6.00-8.00.

Red Rome Extra Fancy 6.00-8.00; U.S. Fancy 6.00.

York Comb. Fancy & Ex. Fancy 6.00-6.50.

TRAYPACKS

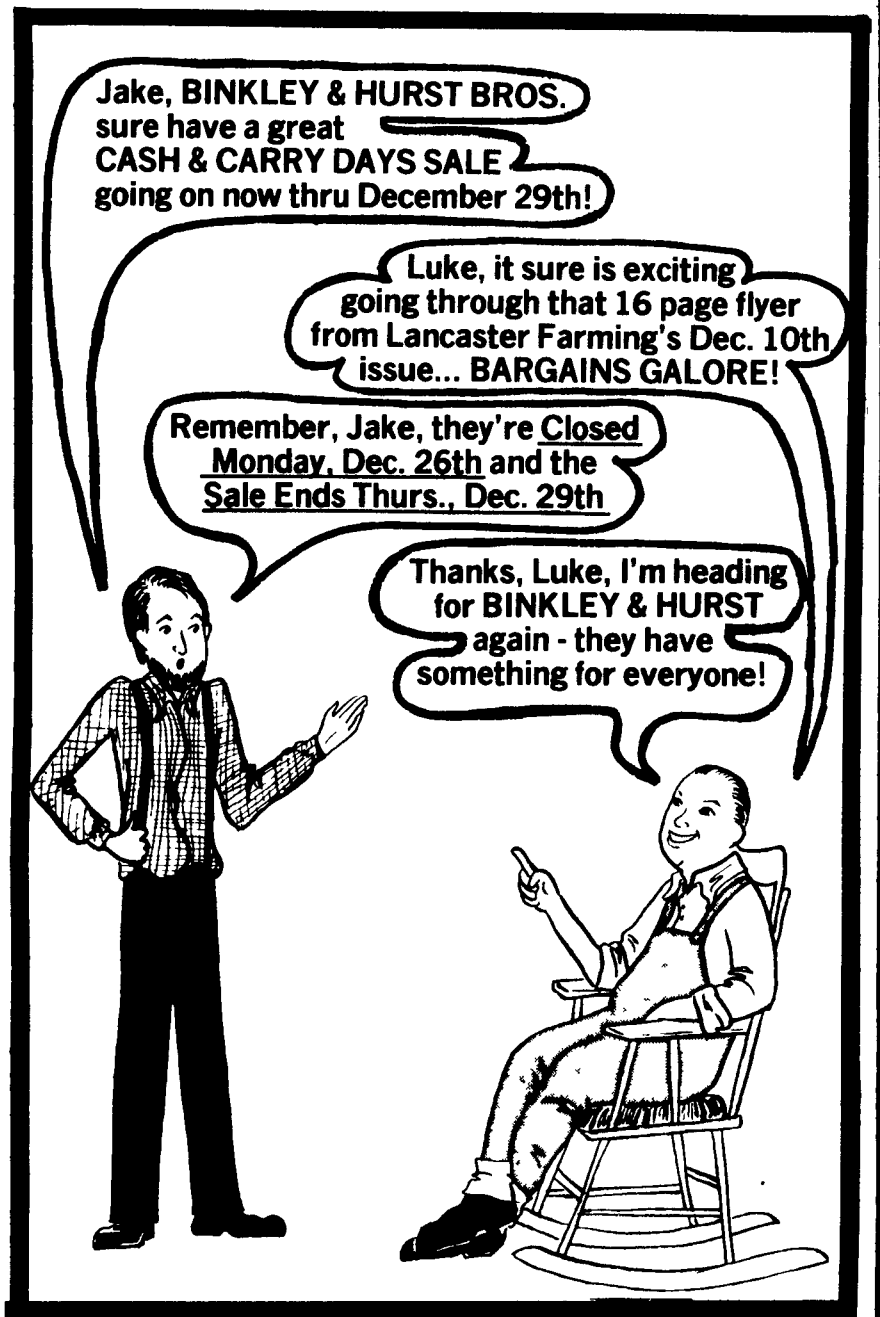
Red Delicious Comb. Fancy, Ex. Fancy 113 9.25; 100's up 10.00.

Golden Delicious Comb. Fancy, Ex. Fancy 100's up 10.00.

Red Stayman U.S. Extra Fancy 113 up 14.00; Comb. Fancy & Ex. Fancy 113 up 12.00.

Red Rome's Comb. Fancy, Ex. Fancy 56's to 100 9.00-10.00.

Red Yorks Comb. Fancy, Ex. Fancy 88 to 100's 9.00-10.00.


Jake, BINKLEY & HURST BROS. sure have a great CASH & CARRY DAYS SALE going on now thru December 29th!
Luke, it sure is exciting going through that 16 page flyer from Lancaster Farming's Dec. 10th issue... BARGAINS GALORE!
Remember, Jake, they're Closed Monday, Dec. 26th and the Sale Ends Thurs., Dec. 29th
Thanks, Luke, I'm heading for BINKLEY & HURST again - they have something for everyone!

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EVERGREEN TRACTOR CO., INC.
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(1) JD 4630, Quad Range & Duals,Sharp.. $18,500
(1) JD 4050 [SOLD] er Shift, SG [illegible], 260 hrs. like new $33,500
(1) JD 4040 P.S., Sound Guard, Heat & Air, Demonstrator, 18.4x38, 10.00x16, Dual Remote $29,450
(1) JD 2840, Loaded (Super Sharp) $13,900
(1) White 2-105 w/Roll Guard. $14,500
(1) Steiger Cougar, Model 251 w/30.5x32 Singles, 4 Rear Remotes, Like New, 800 hours $49,850
(1) IH 460 Gas N.F. TA, Power Steering $2,350
(1) IH Farmall C $950
(1) Farmall H w/Cultivators $950
MF 30-B Industrial Dsl. w/Loader 3 pt. & PTO $8,950

COMBINES & PICKERS:

(1) JD 6620LL Combine w/213 Flex Head 800 hrs. $52,000
(1) IH 203 Combine, Gas w/10' Platform, P.U. Reel, 2 Row Cornhead, Cab $3,950
(1) JD 10' Grain Platform w/P.U. Reel & Floating Bar for 3300-4400 .... $1,850
(1) New Idea #325 Two Row Narrow Picker w/Sheller, Heavy PTO $4,350
(1) Gleaner Model K w/10' Platform and 2 Row Corn Head, Cab. $6,950

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers. MUST MOVE. CALL FOR PRICE.... (Dealer Inquiries Welcome)
(1) Used 350 BU. Myer Morton PTO Batch Dryer $3,450

HARVESTERS & FORAGE EQUIPMENT:

(1) John Deere 3940 Harvester, Hydro-electric Controls, 1,000 PTO Used very little $8,950
(1) John Deere 34 w/One Row RC & Pickup .. $1,550
(1) Grove Forage Wagon w/Roof & Gear $1,850
(1) John Deere Three Row Row Crop Attachment, New Belts $3,850
(3) Badger Self Unloading Wagons w/Tandem Gears and Roofs (Sharp) .... ea. $3,500
(1) Kelly-Ryan Silage Dump Container .. $2,950

HAY MACHINES:

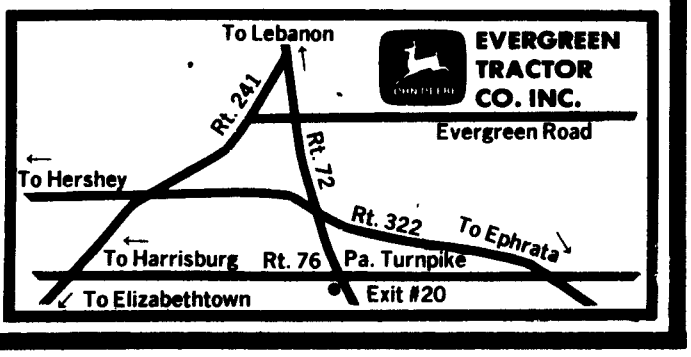
(1) John Deere 1209 Mower Conditioner $3,250
(1) Hesston 1090 USED ON 20 ACRES LIKE NEW $5,350
(1) John Deere 485 9' Mower Conditioner $1,250
(1) New Holland 479 9' Haybine $1,400
(1) John Deere 24T Baler, No Thrower, NICE .. $950
(1) MF #12 Baler w/Thrower, Hydraulic Control $1,350
(1) IH 46T w/Thrower $1,050

TILLAGE:

(1) Oliver 4-14" Trailer Plow, Hydraulic Lift $450
(1) John Deere 3-16" F125 Three Point $550
(1) JD F350 5-16" Auto Reset Plow Sharp.... $2,850
(1) IH 710 5-16" Auto Reset Plow Sharp $2,850
(1) John Deere AW 10' Disk $1,175
(1) John Deere 12' RW $875
(1) IH 10' Transport Disk $450
(1) JD #210 14' Level Action Disc $2,950
(1) JD #210 11'5" Disc $2,450

COMING IN...

20.8x34 Direct Axle Duals
JD 1240 [SOLD] eless Planter, Dry F[illegible]t. & Insect., Sharp
JD 4020 Tractor, Syncro, wide front, one of a kind
IH Grinder mixer, 1 year old
JD 2440, 500 hours
JD 2640 with 146 Loader



Livestock market and auction news

Omaha Cattle

Thursday, December 15
Report supplied by USDA

Weekly 51 - Cattle - Compared to last week's closing trade, Slaughter Steers and Heifers ranged 1.00-1.50 higher through Wednesday, ending the week at the highest level since July 1983. Buyer demand proved excellent, with advances in the beef trade providing the main incentive. Boxed beef prices on a cwt. basis improved 4.18 from a week ago, while carcass levels ranged up 1.00-3.00 for the same period. Finish ran on the ordinary side with many cattle carrying some degree of mud and/or showing signs of weather stress. A liberal supply of cows was well received in early week trading at 1.00-2.00 higher prices. However the market faltered and prices at the close only 50c up.

Steers comprised 47 pct. of the week's receipts; Heifers 38 pct; Cows 10 pct; Feeders 4 pct. Estimated 5 day receipts 13693; actuals last week 13883 and last year 16408.

STEERS: Scattered loads and lots Choice 2-4 1050-1300 lbs. 63.00-65.00. Mixed Good and Choice 2-3 1050-1150 lbs. 61.00-63.00. few Good 58.00-60.00.

HEIFERS: Scattered loads and lots Choice 2-4 900-1100 lbs. 61.50-63.00. Mixed Good and Choice 2-3 900-1050 lbs. 60.00-61.50. Good 56.00-59.00.

Average of LS 214 detailed quotations for 900-1100 lb. Choice Steers 62.30, 1100-1300 lbs. 63.75. Average cost Steers 62.34, average weight 1151 lbs.; as compared 60.49 and 1138 lbs a week ago. Average cost Heifers 61.19, average weight 1008 lbs.; as compared 58.98 and 1010 lbs. a week ago.

COWS: Breaking Utility and Commercial 2-3 32.50-33.50, few 34.00. Cutter and Boning Utility 1-3 29.50-33.00. Canner and low Cutter 26.00-29.50.

BULLS: 1-2 1100-1800 lbs. 40.00-43.00, few high dressing to 45.00.

Morrison Cove Livestock

Monday, December 12
Report Supplied by Auction

CATTLE 235. High Choice & Prime slaughter steers 62.50-65.25, Good 59.50-63.25, Standard 59.25-61.50, Utility 52.50-55.00. Good slaughter heifers 59.50-61.25, Standard 53.50-56.50, Utility 47.50-53.25. Utility & Commercial slaughter cows 39.50-41.25, Commercial 34.50-38.25, Cutters 32.00-34.25, Canner and Low Cutters 28.50-31.50, Shells down to 25.00. Yield Grade #1 slaughter bulls 48.50-50.50.

FEEDER CATTLE: Medium Frame #1 500-700 lbs. feeder steers 42.00-49.50.

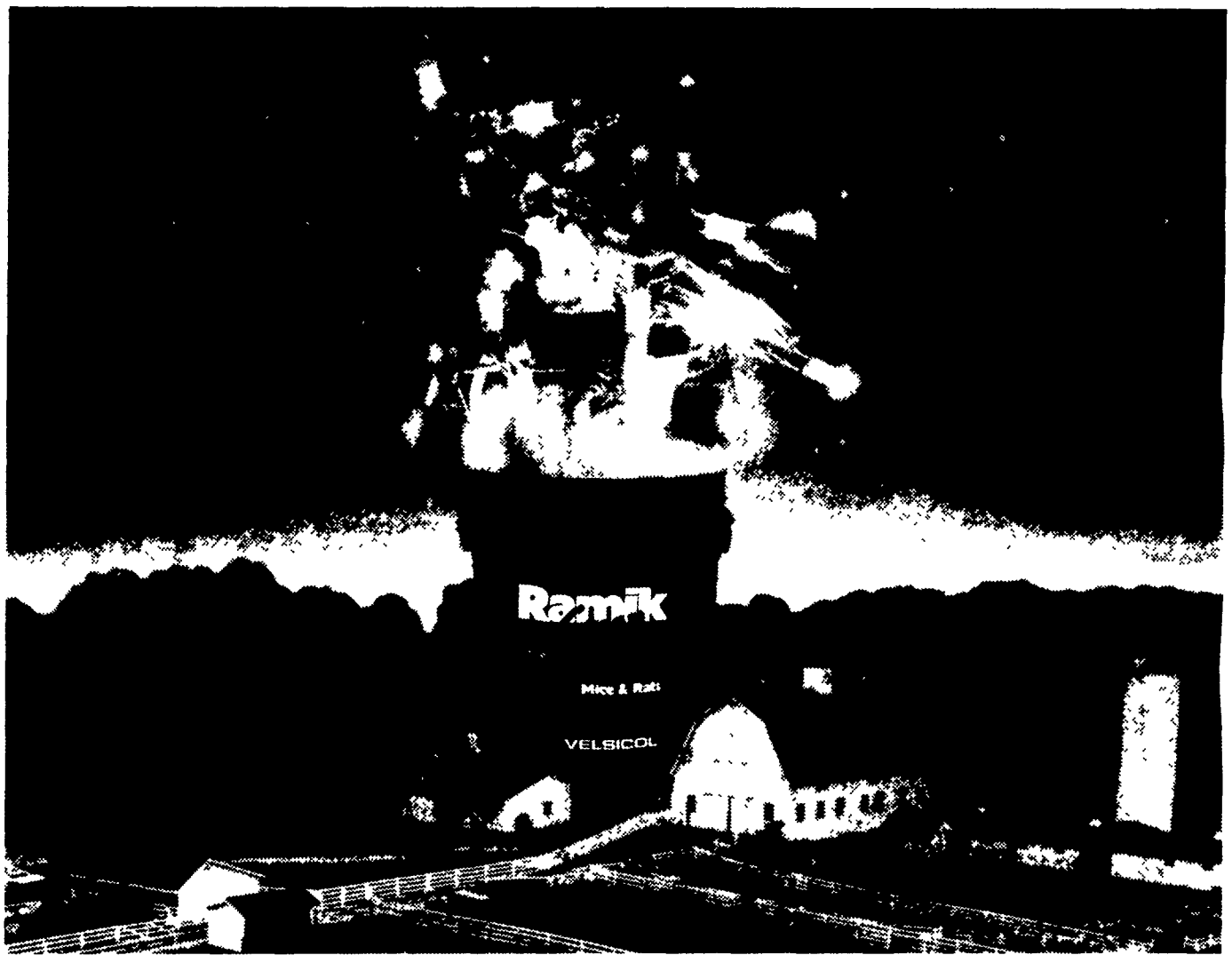
CALVES 424. Choice vealers 75.50-84.25, Good 60.50-73.50, Standard & Good 110-130 lbs. 50.25-58.50, 90-110 lbs. 46.50-48.50, 70-90 lbs. 42.50-46.25, Utility 50-70 lbs. 38.00-42.25.

FARM CALVES: Holstein Bulls 90-125 lbs. 75.50-96.50; Hol. Heifers 95-120 lbs. 55.50-67.50.

HOGS 140. US No. 1-2 215-240 lbs. barrows and gilts 48.50-49.25, No. 1-3 220-260 lbs. 47.50-48.25, No. 2-3 215-240 lbs. 46.50-47.25, 220-260 lbs. 46.50-47.25, No. 1-3 215-270 lbs. 45.25-46.25. US No. 1-3 300-500 lbs. sows 32.50-35.50. BOARS 25.50-27.25.

FEEDER PIGS 32. US No. 1-3 20-40 lbs. feeder pigs 12.50-21.50 per head.

SHEEP 6. Choice 95-115 lbs. wooled slaughter lambs 49.50-50.25. Slaughter ewes 9.50-12.00.



The closest science has come to finding the perfect way to kill rats and mice.

The *advanced bait system* is the key. Scientists learned that the poison was only the first step in developing the perfect rodenticide. Even the more powerful compounds — like the diphacinone in Ramik® Green — need a superior bait system to be effective. That's why every ingredient in Ramik Green rodenticide has a specific purpose. It works better under extreme conditions found on the farm. And it has the safety feature of an anticoagulant.

For taste appeal Ramik is made from cooked grains with fish flavor added. The result? A product rats and mice eat even when other food is available.

The firm, compact pellets hold together through application. And through rain or snow. Ramik Green even has a mold inhibitor to keep it fresh — and lethal — longer.

No other bait is so easy to apply, stays fresh longer or works with such deadly efficiency. Discover Ramik Green rodenticide at your nearest farm supplier.

Ramik® Green Rodenticide

The Ramik Green Advantage... it works for you

VELSICOL CHEMICAL CORPORATION

Ramik® is a registered trademark of Velsicol Chemical Corporation
Read and follow label directions carefully

Livestock market and auction news

East Coast Carlot

Wednesday, December 14
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal steady to firm. Good and Choice Boning Veal steady; no sales inshipped veal reported. Lamb not well established, early sales steady with last week. Limited sales of Boneless Beef steady with last week; Beef Trimmings 2.50 lower also in limited trading.

VEAL CARCASS
Prime (Special Fed)
175 Head

220-280 lbs. 172.00-174.00, steady to firm.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: All steady. 65-75 lbs. 73.00-74.00; 55-64 lbs. 71.00-72.00; 45-54 lbs. 69.00-70.00; 35-44 lbs. 67.00-68.00; 34 lbs. down 65.00-66.00.

Inshipped: No sales reported.

LAMB BEEF
Choice and Prime 3-4
13 Loads

Compared to last week steady.

55 lbs. down 130.00; 55-65 lbs. 130.00; 65-75 lbs. 130.00.

BONELESS BEEF
(US & Canadian Origin)
2 Loads

75% Chem Lean Fresh 77.00, steady with last week.

BEEF TRIMMINGS
5 Loads

Compared to last week:

65% Chem Lean Fresh 63.50, 2.50 lower than last week.

Peoria Cattle

Thursday, December 15

Compared to last week slaughter steers 1.50-2.00 higher. Heifers 2.00 to mostly 3.00 higher. Cows closed 2.00 to 3.00 higher. Bulls steady to 1.00 higher. Trade opened the week active with broad buyer demand. Buyers aggressive for numbers to fill immediate slaughter requirements. Majority of supply good and choice 2-4 steers and heifers with 21% cows. Receipts this week about 2100 as compared to 3289 a week ago and 3217 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1250 lbs. 62.00-64.00, bulk 62.00-63.50. Good and choice 2-3 and choice 3-4 950-1150 lbs. 60.50-62.00. Good 56.50-61.00. Holsteins: Standard and good 1-3 1150-1250 lbs. 50.00-52.00. Good and choice 1-3 1250-1575 lbs. 53.50-54.00.

SLAUGHTER HEIFERS: Choice 2-4 925-1100 lbs. 61.00-63.00. YG 3-4 59.00-61.00. Good and choice 2-3 925-1050 lbs. 60.00-61.00. 850-925 lbs. 58.00-60.00. Good 54.00-60.00.

COWS: Breaking utility and commercial 2-4 35.00-36.00. Cutter and boning utility 1-3 34.00-37.00. Canner and low cutter 1-3 28.00-34.00.

BULLS: YG 1-2 1050-2025 lbs. 38.00-42.50.

New Holland Horse

New Holland Sales Stables
Monday, December 12
Report supplied by auction

Reported receipts of 271 head of horses, mules, and ponies. Market: stronger.

Load of Driving horses, Illinois, 675.00-1100.00.

Load of New Jersey driving, 400.00-650.00.

Load of horses from Kentucky 500.00-850.00.

LOCAL

Better horses 375.00-700.00.
Driving horses 275.00-835.00.
Riding horses 275.00-350.00.
Lightweight killers 225.00-300.00; Heavyweight killers 325.00-425.00.
Mares 35.00-65.00; Colts 10.00-20.00; Geldings 35.00-65.00.
Larger ponies 75.00-150.00.

Chambersburg Auction

Chambersburg, Pa.
Thursday, Dec. 15
Report supplied by PDA

CATTLE: 385. Compared with last week's market: Sl. cows .75-2.00 higher. Sl. steers: Good 55.50-63.75; Standard 46.50-51.50. Sl. heifers: few Choice 55.00-61.75; few Good 46.75-52.50. Sl. cows: Utility & Commercial 34.85-38.85; Cutters 32.50-36.00; Canner & L. Cutter 33.00-33.50; Shells down to 25.00. Sl. bulls: few Yield Grade No. 1, 1050-2240 lbs. 45.25-55.00.

CALVES: 605. Vealers about steady. Choice 78.00-96.00; Good 57.00-72.00; Standard & Good 105-125 lbs. 50.00-55.00; 70-100 lbs. 40.00-48.00; Utility 55-85 lbs. 20.00-39.00.

FARM CALVES: about steady. Hol. Bulls 90-130 lbs. 60.00-98.00, mostly 65.00-90.00; Hol. Heifers 90-130 lbs. 50.00-73.00; Sl. Calves few Choice 230-300 lbs. 50.00-58.00.

HOGS: 53. Barrows and gilts 2.50 higher. One lot No. 1-3 215 lbs. at 47.00; lot No. 2-3 270 lbs. at 46.00; lot No. 1-3 lightweights 185 lbs. at 35.25; Sows US No. 1-3 300-610 lbs. 33.75-39.75.

FEEDER PIGS: 25. Lot US No. 1-3 35 lbs. at 19.50 per head; lot No. 1-3 80 lbs. at 32.00.

SHEEP: 20. Choice 80-110 lbs. 52.50-59.00; lot Good 70 lbs. at 50.00. Few Sl. ewes: 16.

GOATS: 8. Large 15.00-50.00 per head.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, December 13
Report supplied by auction

Beef Cows: Utility and Commercial 38.25-41.85; Cutters 35.10-37.85; Canners 31.50-34.75; Shells 25.00.

Heifers: Good 53.25-56.10; Standard 47.50-52.00; Commercial 43.60-46.00.

Steers: Good 55.00-59.50; Standard 48.00-52.50.

Bulls: Good 51.85-53.10; Standard 46.00-50.75.

Feeder Cattle: 300-500 lbs. large frame 51.00-57.50; 300-500 lbs. small frame 44.00-52.00; 500-700 lbs. large frame 47.00-53.00.

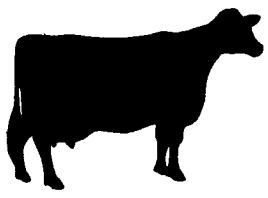
Veal Calves: Choice 70.00-76.00; Good 55.00-68.00; Standard 46.00-54.00; Utility 38.00-45.00.

Farm Calves: Bulls 60.00-79.00; Heifers 51.00-62.00.

Hogs: 44.50-48.25.
Sows: 30.00-33.50.
Boars: 26.50-27.75.
Shoats: 25-30 lbs. per head 10.00-16.00; 30-35 lbs. per head 14.50-19.00; 35-50 lbs. per head 20.00-29.00.
Sheep: 9.00-19.00.
Goats: per head 24.00-30.00.

More Markets Page A21

Pennfield #513



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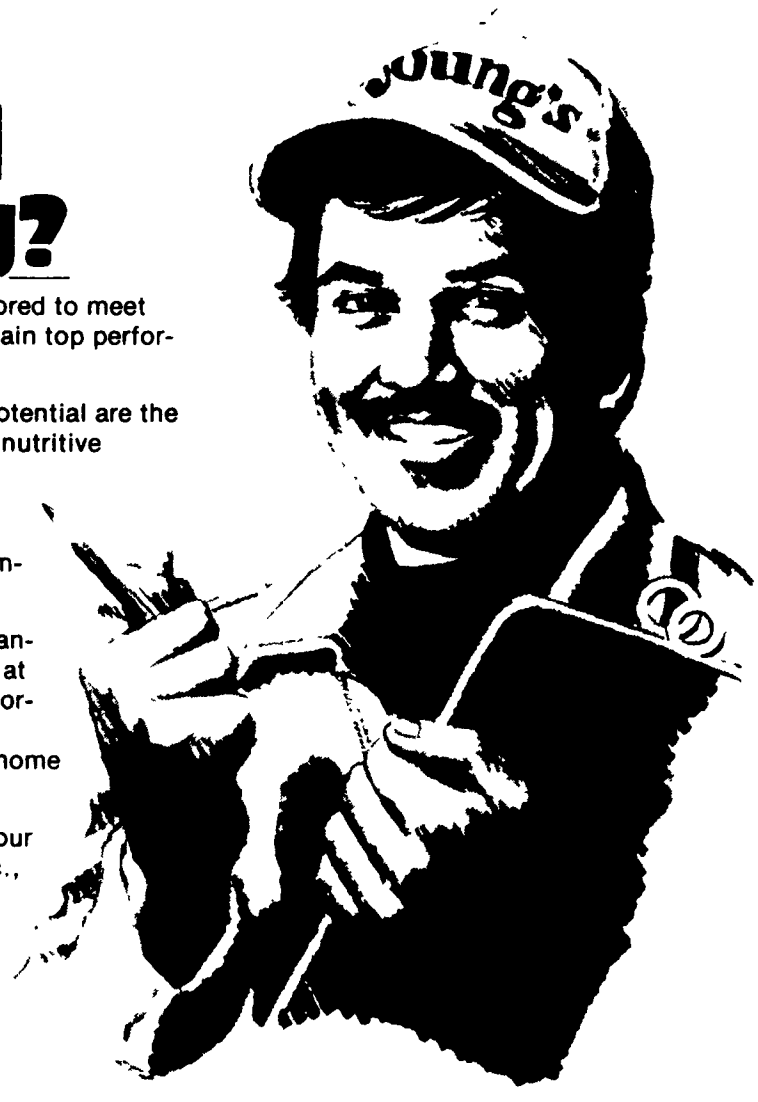

young's

Livestock Nutritional Services

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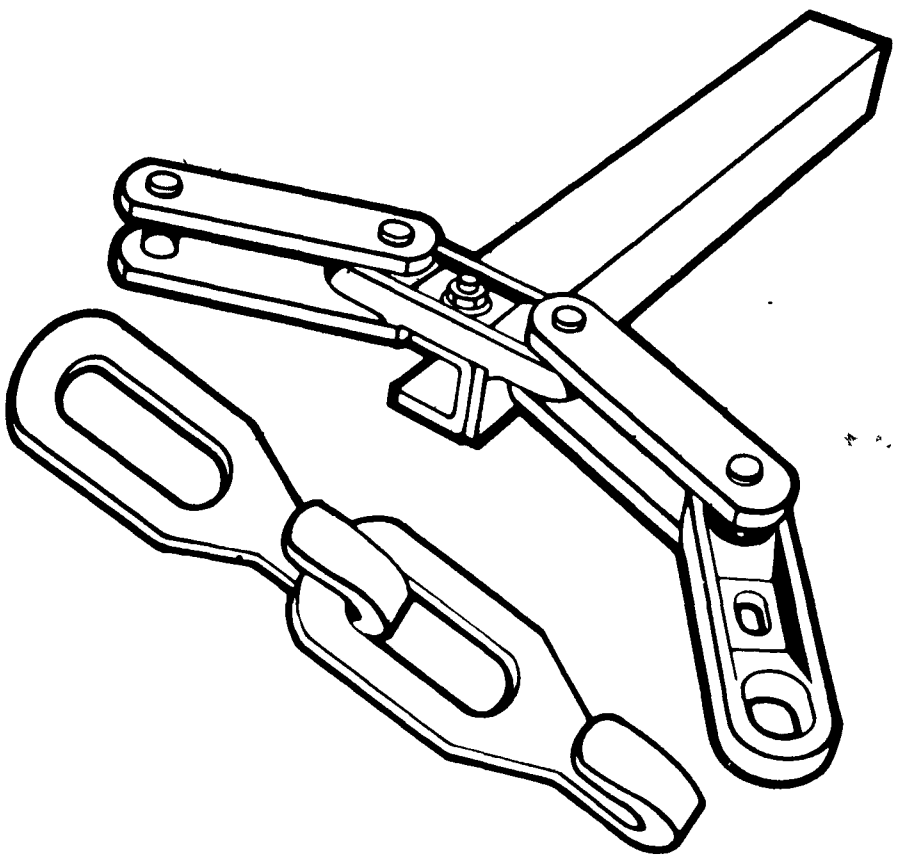

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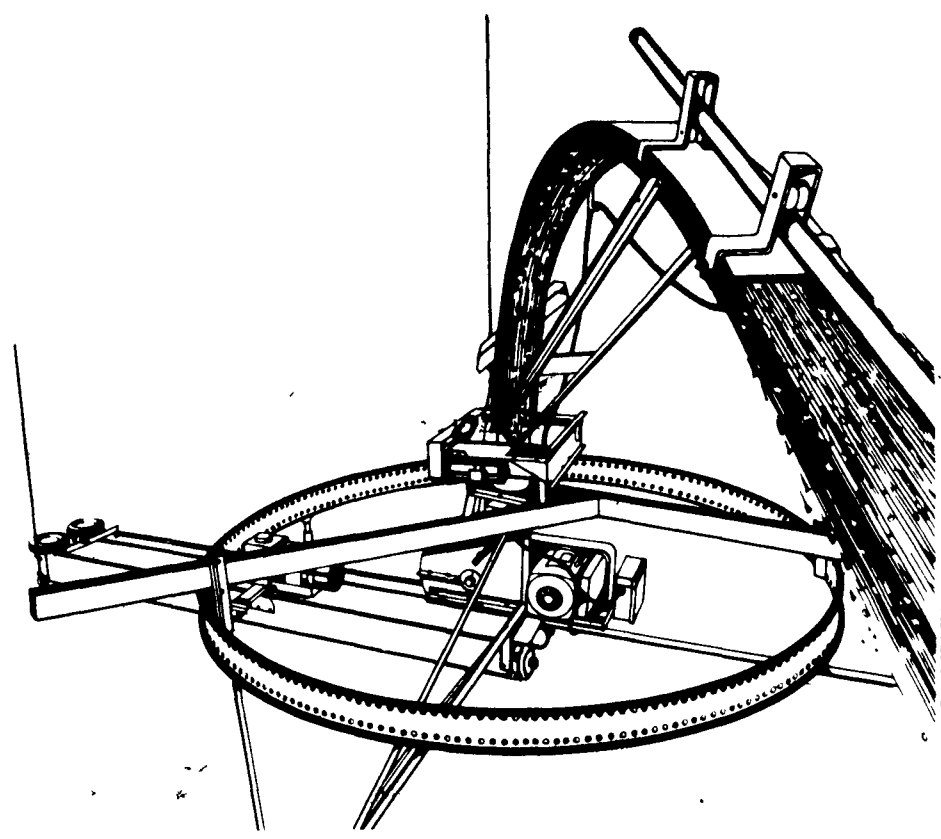

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Psalm is special to Mt. Joy shepherd

BY LAURA ENGLAND

MT. JOY — For one Lancaster County farmer, the Bible hymn, Psalm 23, has a special, double meaning.

Beginning with "The Lord is my shepherd," the psalm emphasizes the devotion that William Longenecker, R2 Mt. Joy, has towards his religious work as a pastor. And it is because of his religious work, Longenecker said, that he, himself, became a "shepherd" and is raising commercial sheep.

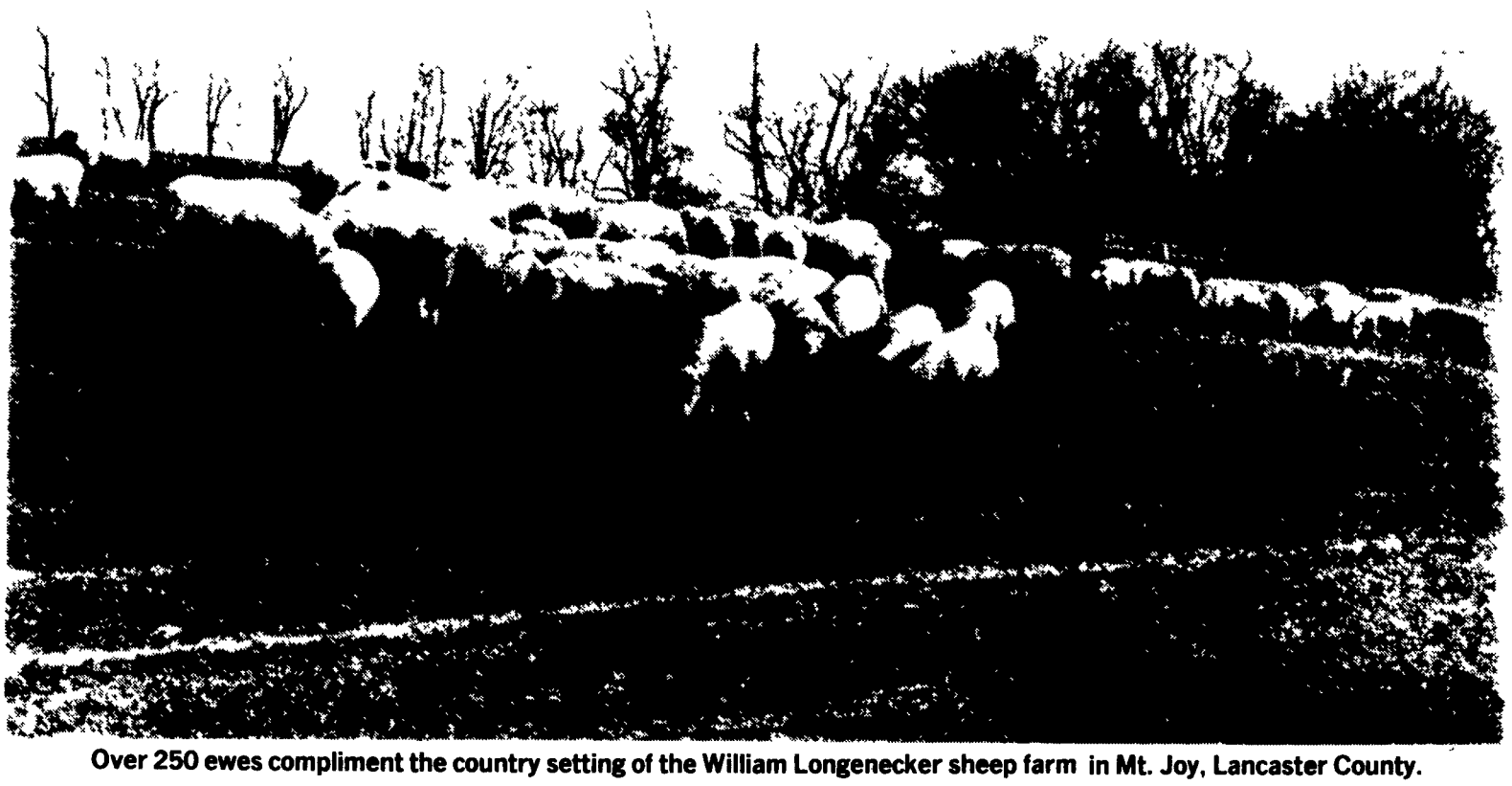
"I've been a pastor for 14 years," he said, "but I wanted to keep my hands in farming. Raising sheep was the way to go to farm and do church work at the same time."

The ninth of 10 children, Longenecker and his wife, Peggy, and children Tom, 17, and Kathy, 13, currently raise over 300 sheep on their 62 acres. This includes a mixture of 285 Suffolk, Hampshire and Dorset ewes, with the remaining flock consisting of market lambs and eight rams.

Longenecker got his introduction to sheep farming in 1940 when his father, William S., bought about 80 feeder lambs "just to try them out." Up until that time, the Longeneckers were raising steers and hogs.

The sheep venture, however, wasn't that successful and didn't last for long.

"We lost about half the lambs, probably due to parasites," Longenecker said. "We then bought about 40 ewes."



Over 250 ewes compliment the country setting of the William Longenecker sheep farm in Mt. Joy, Lancaster County.

Twenty-four years went by before Longenecker decided to give sheep another try. During that time, he received a psychology degree in 1951 from Elizabethtown College, had spent a year at Bethany Seminary in Chicago, and had followed his father's footsteps by farming the family farm.

Bill Longenecker uses a wool paint to mark the breeding date on his sheep. This ewe, marked 8 - 10, was bred Oct. 10.

Suffolks, Hampshires and Dorsetts, alike, are at home on the Longenecker farm where they enjoy a diet of hay, pasture grass and some grain.

Like his father, he continued to raise steers and hogs and for a while raised 3,000 laying hens. Because of an interest in church and missionary work, he saw advantages in raising sheep.

To purchase his first flock in 1964, Longenecker set out to get a financial loan but not without some hesitation on the part of the credit corporation. The loan officer, Longenecker recalled, contacted former extension agent Max Smith and asked if it was safe to give a loan for sheep.

Longenecker got his loan and purchased a flock of 75 Western ewes and has since continued to raise and market sheep year round.

In raising sheep, Longenecker said it's important to "play the markets" and keep up-to-date on market prices and trends.

"When I go to the markets," he said, "I stay there until my sheep are sold. This way, you get to know the buyers, and they get to know you.

"By building up your own reputation, you can get more money for your sheep."

To break even in the sheep business today, Longenecker said he needs about 60 cents per pound With market prices higher this fall, he said he's been hitting the low 60's when he had been selling most for 54 cents per pound.

"I got 68 cents per pound for one lamb that weighed 80 pounds," he said. "That's not bad for a heavy lamb when you're used to getting 40 to 50 cents per pound."

The whole thing behind the sheep business, Longenecker said, is marketing. Markets will vary depending on the mood of the buyers, he added, and you have to be at the right market at the right time.

Markets also want lambs year-round, and this is why Longenecker staggers his breeding program. Ewes are bred to lamb between January and May. Doing this, he said, does involve more labor, but he finds it beneficial in terms of marketing.

"If you breed ewes to lamb during a two-week spread, you do save on labor," he said, "but then your lambs are ready for market at the same time."

To work under these lambing conditions, Longenecker said he adjusts his schedule to what's needed. "It pays to be there," he said. "You can lose 15 to 20 percent

(Turn to Page A29)

Ewes and market lambs feed from round hay feeders placed inside the barn.

Did all of the good hybrids do equally well at fighting off drouth and the other stresses of the past summer?

The answer is no.

The side-by-side yield trials of last year compared to this year show that some hybrids weren't consistent in their ability to yield under a wide variety of stresses. Big field experience

Did all of the good hybrids do equally well at fighting off drouth and the other stresses of the past summer?

The answer is no.

The side-by-side yield trials of last year compared to this year show that some hybrids weren't consistent in their ability to yield under a wide variety of stresses. Big field experience

Klein Top Farms
Danielsville, Pennsylvania

Planted	May 25 1983 in 30 inch rows
Soil type	Bedington silt loam
Fertilizer	20 tons dairy manure 200 lbs 8 24 10 starter
Tillage	Conventional
Insecticide	10 lbs Furadan
Weed Control	2 lbs atrazine and 1 quart Lasso
Previous Crop	Soybeans
Harvested	October 19 1983 with a 6600 John Deere

Brand	Variety	Plants Per Acre	% Lodging	% Mois	Bu /Acre At 15 5%
Jacques	JX55	20 630	2 5	21 3	81 2
Jacques	JX77	22 480	2 3	21 6	10 6
Jacques	JX97	23 540	3 3	21 4	106 3
Jacques	JX151	22 750	1 1	24 5	122 0
Jacques	EXP 5100	21 950	3 6	23 7	124 3
Pioneer	3780	23 280	4 5	26 7	103 2
Pioneer	374	22 480	5 8	24 5	99 9
Pioneer	3744	23 010	1 1	25 5	125 0
Jacques	JX166	23 010	4 5	24 2	111 9
Jacques	JX167	22 480	3 5	27 4	113 5
Jacques	JX177	23 540	1 1	25 2	121 8
Jacques	7700	23 280	1 1	24 2	129 9
Jacques	7780	23 280	2 2	30 2	125 6
Jacques	JX179	23 540	1 1	27 5	141 1
Jacques	7790	23 010	3 4	27 4	130 6
Jacques	JX180	23 540	2 2	31 6	131 9
Jacques	7900	22 480	4 7	30 0	128 6
Dekalb Pfizer	XL 61	23 010	4 5	31 8	111 6
Jacques	JX197	23 010	4 5	30 7	124 0
Jacques	JX227	23 280	3 4	34 8	100 5
Jacques	8100	23 540	3 3	30 0	132 5
Jacques	8220	23 010	5 7	33 0	114 9
Pioneer	3184	23 540	5 8	35 0	113 5

Norman Horst
Landisburg, Pennsylvania

Planted	May 14 1983 in 30 inch rows with a John Deere Maxi Merge
Soil type	Clay
Fertilizer	200 lbs 13 34 10 plowdown 60 lbs actual N sidedressed
Insecticide	8 lbs Counter 15G
Weed Control	2 5 lbs atrazine and 1 5 lb Bladex pre emerge
Previous Crop	Corn
Harvested	October 21 1983 with a Massey Ferguson
Comments	Extremely dry weather with only 1 5 inches of rain from June 10 to September 1

Brand	Variety	Plants Per Acre	% Lodging	% Mois	Bu /Acre At 15 5%
Jacques	JX77	21 420	3 7	16 6	75
Jacques	JX97	21 160	7 5	16 8	71 2
Jacques	JX151	21 420	1 2	17 2	38 9
Jacques	EXP 5100	21 950	0	17 0	35 4
Migro	360	22 480	3 5	18 0	33 6
Jacques	JX166	23 010	1 1	20 8	28 5
Jacques	JX167	21 950	0	20 5	26 9
Jacques	JX177	22 480	1 1	19 8	79 0
Jacques	7700	23 010	4 5	18 5	73 6
Jacques	7780	23 010	0	24 8	59 9
Doebler	72X	22 480	5 8	22 2	52 0
Golden Harvest	H 2480	23 800	6 6	19 5	58 1
Migro	401	22 480	5 8	19 7	35 7
Migro	470	22 220	4 7	20 2	66 0
Eastland	655	23 010	2 2	24 5	66 2
Jacques	JX179	23 540	2 2	24 2	82 7
Jacques	7790	22 750	3 4	23 3	86 2
Jacques	JX180	23 010	1 1	26 8	73 4
Jacques	7900	22 750	1 1	20 4	90 8
Doebler	60XA	19 840	6 6	25 5	32 1
Doebler	78XA	22 480	3 5	30 4	65 4
Migro	555	22 750	4 6	23 6	80 0
Eastland	X78	19 570	5 4	25 8	30 9
Eastland	3X717	21 950	2 4	26 6	34 8
Jacques	8100	23 540	2 2	26 5	85 3
Doebler	88XA	23 010	4 5	28 4	60 8
Doebler	89A	23 010	3 4	30 0	82 0
Golden Harvest	H 2535	22 480	2 3	23 8	68 4

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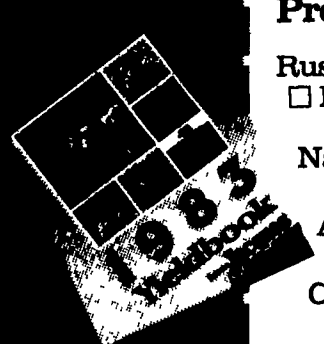

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(Continued from Page A 1)

Indeed participants were presented information on present and potential uses of computers for farm management that were not even dreamed of a short time ago. The world of on-farm computers and microcomputers is evolving at an ever faster rate. A person considering buying a microcomputer may almost feel as if they need a microcomputer to aid in the decision making process when choosing from the vast array of available computer hardware and software.

Conference participants were presented with the most up-to-date information on computers in agriculture from program speakers and vendors and dealers of computers and computer programs, who were part of a trade show held in conjunction with the conference.

Probably the most exciting dimension of the two-day conference was the "hands on" experience participants were given. After gleaning much new information on what role computers will play in farm management, farmers and agribusinessmen were able to sit down at a microcomputer and put their new found knowledge to work. This valuable experience further enabled dairymen in determining how to best utilize a computerized management system on their particular farm.

Over 90 microcomputers were set-up in laboratories for the hands on sessions. Everyone was given the opportunity to participate in two hands on sessions. A menu of five subject areas was offered, including, Spreadsheets, Data Bases, Ration Balancing, Herd Management, and Milking Equipment Sizing.

What role computers will play in the future of Pennsylvania agriculture was a subject addressed by G. Art Hussey. Hussey has just been appointed director of the Northeast Computer Institute which will be headquarted at Penn State University.

Hussey said only one percent of farmers in Pennsylvania presently have on farm computers. By 1986-87 he estimates that over 50 percent of the farmers in Pennsylvania will have an on farm computer.

"The tremendous technological advances made in recent years in the computer industry places the computer on the threshold of having a significant impact on even greater productivity for American agriculture.

"For all the giant strides made by the computer industry in increased cost performance brought about by micro electronic technology, the computer is at about the same stage of adoption as the automobile was in the early 1900's. At that time many people predicted that the automobile would not be a success because everybody had to have special training in order to make use of the car," said Hussey.

"What we see in the future is this," he said, "just as cars evolved from cantankerous, unreliable forms of transportation in the early 1900's into modern easy to operate vehicles, we expect a parallel development with computers. As we move into the 1990's toward the year 2000, the computer will become as familiar to our ag producers as the automobile and pickup truck are today. It may not look the same and its functions may be quite a bit different, but it certainly will be a work horse for modern agriculture."

Hussey used the term primitive to describe current support systems for on farm computers. He said in the near future the support system will become more sophisticated and there will be a greater network communication system.

Penn State Extension will play a large role in this support and network system, he said. The plans have already been layed for Extension's role. The goal of the planned system of computers is to be able to give 96 percent of Pennsylvania residents access to the computer network with a local phone call. To accomplish this Extension is asking the legislators for funding to put a microcomputer in each county Extension office, and one microcomputer at each Penn State experimental station-research farm.

Hussey presented a schedule of the necessary funding to put one computer in each county office, the cost is estimated to be $1,246,550. He said, the estimate is very accurate and includes cost of the computers, installation, training and software.

Hussey urged listeners to encourage their county commisioners to seek funding for the county computers. Express the need for this one time funding that would create a vital management support system that requires one time.

The Role of Computers on Dairy Farms

In what capacity can computers aid farmers to be more efficient managers? Some of the many possibilities were outlined by Terry R. Smith, assistant professor and dairy Extension specialist at Ohio State University.

"Probably the one single management deficiency that costs dairymen the most in lost income is the lack of a good record keeping system," said Smith. "The primary purpose of dairy records is to provide dairymen with detailed information on individual cows as well as on the entire herd."

An on farm computer makes this information available to the farm manager on a day-to-day basis. This is especially useful in large herds where daily individual attention is needed and dairymen tend to manage by exception. That is those cows that require individual attention on a particular day are pointed out by the computer.

Smith said, "On-farm computers are not likely to save labor and management time on a farm. However, the day-to-day managerial control of the farm operation will likely improve."

Heinrichs and others stressed that a farmer considering buying a microcomputer must determine what functions they want the computer to perform. Then when they begin to look for a computer system they should first look for software programs that will perform those desired functions.

Heinrichs said, "The term software describes all instructions and programs that make the computer function in a determined manner. Software not only performs the tasks dictated by the user, it also controls all system peripherals such as printers and disk drives. Essentially, software makes the computer operate and function.

"When buying software, due to the wide variation in current programs, it is improtant to use caution when selecting your software," said Heinrichs. "Keep in mind the following items when selecting your software:

1. Is it compatible with your hardware?
2. Do you have a trial period?
3. Does the vendor or manufacturer have a warranty period?
4. Is there detailed documentation available?
5. Is the program user-friendly?
6. Will your software vendor provide assistance to you?
7. Can you modify the program to suit your needs?
8. Will the company send you updated versions or allow you to purchase them for a reduced cost?"

Jud Heinrichs, conference coordinator, and Larry Muller, program assistant, stand among 25 microcomputers used in one of the "hands on" sessions.

The trade show included displays of microcomputers, computerized feeders and milking systems and systems that put it all together.

Two sessions on software for spreadsheet programs stirred alot of interest. Graham E. Bell, area farm management specialist, and John E. Brockett, professor of agricultural economics extension, spoke on the use of electronic spreadsheets for financial and cash flow analysis.

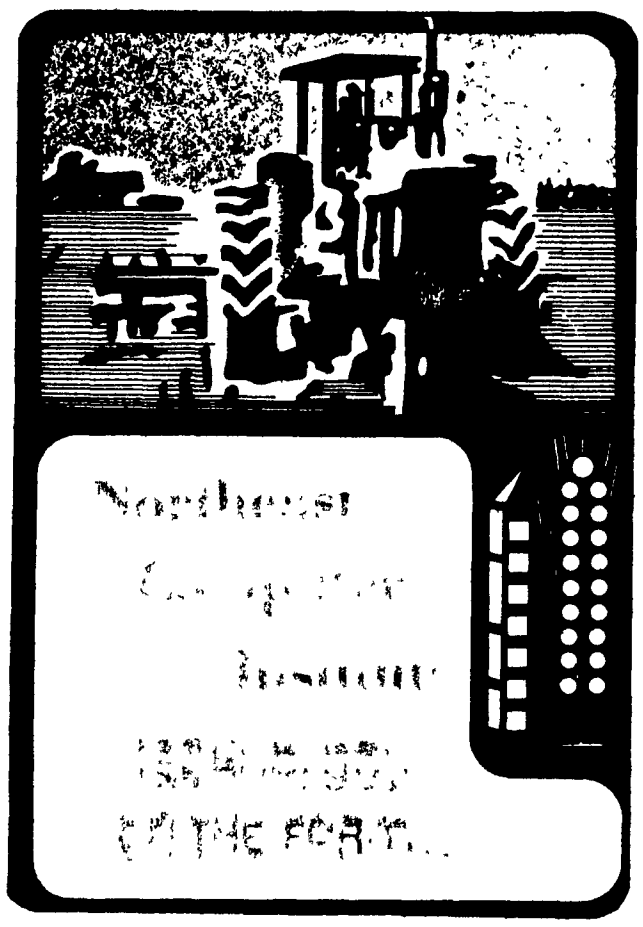
On a large screen in the auditorium, Bell demonstrated VISICALC, a software package by VisiCorp.

"It is a program that allows you to accomplish on the screen chores that you would normally do with a pencil and calculator," said Bell. "The difference is that once you have constructed an initial format, you add, delete, or change figures, and within seconds, press another couple of buttons and your account, tax return, cash flow, or whatever else you specify is recalculated and neatly typed."

Brockett presented information on spreadsheet programs he has developed for management. Many of these programs are available presently from the Penn State Extension.

Other speakers at the conference included, Penn State's, Richard Adams on ration balancing and evaluation programs; William Heald on future role of computers in Pennsylvania DHI, Larry Muller, on dairy management programs, and Tom Mincemoyer on data base programs.

Each conference participant was given a copy of the conference proceedings which includes a listing of software currently available. The listing was developed by Heinrichs and includes programs for crop production, dairy herd management, equipment management, farm business management, and feeding programs.



New computer language simplifies chemistry

WASHINGTON — A headache can be soothed by QVR bOV1. That's plain aspirin in a new language for chemistry.

Its inventor, U.S. Department of Agriculture chemist William J. Wiswesser, said the language simplifies and adapts familiar chemical formulas for the computer age.

Wiswesser, who works at the USDA's Agricultural Research Service Weed Science Research Laboratory, Frederick, Md., foresees no end to the burgeoning number of new chemicals — now reaching some 360,000 a year.

Only computers and a simplified system of chemical characters, he said, will be able to keep track of the new formulas as well as the six million chemical compounds already known.

His AWLN, short for Advanced Wiswesser Line Notation, addresses this chemical proliferation by using sets of letters, numbers and punctuation marks to designate each individual chemical compound.

To Wiswesser, the key to

(Turn to Page A35)

Livestock market

Weekly Summary

Fri., Dec. 16
Report Supplied by PDA

CATTLE: 6589. Compared with 6559 head last week, and 5353 head a year ago. Compared with last week's market: Slaughter steers strong to 2.00 higher, spots to 4.00 higher; Sl. heifers; - 1.00-2.00 higher; Sl. cows mostly .50-1.00 higher; Sl. bullocks mostly steady to 1.00 higher; Sl. bulls unevenly steady. Sl. steers: High Choice & Prime No. 3-4, 67.00-69.60; Choice NO. 2-4, 62.00-67.50; Good 57.00-63.50; Standard 47.00-53.00. Sl. heifers: Choice 58.00-62.25; Good 51.00-58.50; Standard 43.00-49.00. Sl. cows: Utility & Commercial 35.00-40.85; Cutters 32.00-37.50; Canner&L. Cutter 27.00-34.50; Shells down to 18.00. Sl. bullocks: Choice 57.25-61.75; Good 53.00-58.50; (few) Standard 44.00-52.00. Sl. bulls: Yield Grade No. 1, 1000-2200 lbs. 43.00-52.00; Yield Grade No. 2, 900-1500 lbs. 40.00-49.00.

FEEDER CATTLE: Steers, Large Frame No. 2, 400-800 lbs. 40.00-46.00; Medium Frame No. 1, 375-815 lbs. 52.00-64.00; Medium Frame No. 2, 400-900 lbs. 30.00-45.00. Heifers, Medium Frame No. 1 350-700 lbs. 45.00-52.00. Bulls, Medium Frame No. 1 400-600 lbs. 48.00-55.00.

CALVES 4401. Compared with 4906 head last week and 4165 head a year ago. Vealers mostly steady to 5.00 lower. Choice 78.00-90.00; Good 60.00-80.00; Standard & Good 110-130 lbs. 49.00-60.00; 90-110 lbs. 40.00-50.00; 65-90 lbs. 37.00-47.00; Utility 50-110 lbs. 25.00-40.00.

FARM CALVES: Hol. Bulls active. Hol. Bulls 80-130 lbs. 45.00-100.00, mostly 60.00-90.00; Hol. Heifers 90-130 lbs. 48.00-55.00.

HOGS: 7401. Compared with 7667 head last week and 6590 head a year ago. Barrows and gilts strong to 4.00 higher. US No. 1-2 200-245 lbs. 47.00-49.50 No. 1-3 200-250 lbs. 45.00-48.00; No. 2-3 200-275 lbs. 43.00-46.00; lightweights No. 1-3 140-190 lbs. 37.00-44.00; Sows steady to 1.00 higher. US No. 1-3 300-585 lbs. 33.00-37.50; No. 2-3 300-650 lbs. 31.00-34.00. Boars 25.00-27.50.

FEEDER PIGS 1037. Compared with 1830 head last week and 1171 a year ago. Steady to 2.00 higher. US No. 1-3 20-35 lbs. 9.00-17.00 per head; No. 1-3 35-50 lbs. 14.00-26.00; No. 1-3 50-80 lbs. 25.00-35.00.

SHEEP: 1193. Compared with 938 head last week and 1422 head a year ago. Unevenly steady to strong. High Choice & Prime 70-125 lbs. 57.00-68.00, 40-60 lb. new crop 65.00-105.00; Choice 50-115 lbs. 46.00-60.00; Good 50-105 lbs. 48.00-51.00; Utility 45-70 lbs. 30.00-45.00. Sl. ewes: 12.00-25.00.

3 GRADED FEEDER PIG SALES 2559. Compared with 2599 head last week, and 2572 head a year ago. All sales by CWT. Feeder Pigs uneven, mostly steady to 4.00 lower. US No. 1-2 20-30 lbs. 80.00-94.00, 30-40 lbs. 70.00-85.00, 40-50 lbs. 60.00-82.00, 50-60 lbs. 55.00-58.50, 60-80 lbs. 49.00-62.50; US No. 2-3 30-40 lbs. 58.00-66.00, 40-60 lbs. 46.00-59.00.

Indiana Livestock

Homer City, Pa.
Thurs., Dec. 15
Report Supplied by PDA

CATTLE: 180. Compared with last week's market: Sl. cows 1.50-2.00 higher. Sl. steers: (few) Choice 60.50-61.75; Good 54.00-59.25; Standard 49.25-51.00. Sl. heifers: (few) Good 50.00-53.00; (few) Standard 43.50-48.50; (few) Utility 40.00-44.00. Sl. cows: Utility & Commercial 35.00-38.00; Cutters 31.25-35.50; Canner&L. Cutter 25.50-31.50; Shells down to 18.00.

CALVES: 188. Good 66.00-73.00; Standard & Good 46.00-59.00; 60-85 lbs. 42.00-47.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 60.00-95.00; few Hol. Heifers 85-120 lbs. 61.00-80.00.

HOGS: 135. Barrows and gilts 4.00-5.00 higher. US No. 1-2 220-260 lbs. 48.00-49.50, No. 1-3 200-230 lbs. 45.00-46.75; No. 2-3 270-320 lbs. 38.00-43.00; few lightweights No. 1-3 170-180 lbs. 43.00-44.75; Sows US No. 1-3 300-550 lbs. 32.75-36.50; No. 2-3 380-600 lbs. 31.00-34.00. Few Boars 25.00-26.00.

Belknap Livestock

Dayton, Pa.
Wednesday, December 14, 1983
Report Supplied By PDA

CATTLE 103. Compared with last Wednesday's market, slaughter cows $3-$4 higher. Few Standard slaughter steers 44.00-48.75. One Good slaughter heifer at 53.00, one Standard 47.00, one Utility at 34.00. Few Utility & Commercial slaughter cows 35.00-37.75, one 39.75, Cutters 31.00-35, Canner&Low Cutters 25.00-31, Shells down to 15.00. Few Yield Grade #1 1200-1975 lbs. slaughter bulls 43.00-47, couple #2 965&1060 lbs. 38.75&42.00.

FEEDER CATTLE: Medium Frame #2 405-750 lbs. feeder heifers 25.00-36.00. Small Frame #1 350-550 lbs. feeder bulls 50.00-55, few Medium #1 750-840 lbs. at 42.00.

CALVES 94. Few Choice vealers 81.00-90, couple Good 69.00&72, Standard & Good 90-110 lbs. 45.00-58, 60-85 lbs. 40.00-46, Utility 40-100 lbs. 25.00-40.00.

FARM CALVES: Holstein Bulls 95-115 lbs. 60.00-76.00.

Belleville Livestock

Belleville, Pa.
Wednesday, December 14
Report Supplied by PDA

CATTLE 227. Compared with last Wednesday's market, slaughter cows $1-$3.75 higher. One Choice slaughter steer at 64.35, couple Good holsteins 53.00&54.75, few Standard 46.75-53.10. Couple Choice slaughter heifers 56.60&60.00. Utility and Commercial slaughter cows 36.75-40.75, few 43.35, Cutters 33.25-36.75, Canner & Low Cutter 29.50-33.50, Shells down to 25.00. Few Yield Grade #1 1250-1775 lbs. slaughter bulls 44.25-49.50.

CALVES 197. Few Good and Choice vealers 70.00-80, few Standard and Good 105-120 lbs. 55.00-60, 70-100 lbs. 44.00-52.

HOGS 290. Barrows and gilts $1.50-$3 higher. US No. 1-2 210-250 lbs. barrows and gilts 45.75-48, No. 1-3 210-270 lbs. 44.00-46.50, few lots No. 1-3 155-195 lbs. 37.00-41.75. US No. 1-3 300-700 lbs. sows 33.00-37, Medium 200-295 lbs. 28.50-34.50.

Avian flu

(Continued from Page A1)

procedures will take place, Hoffman said. One of these changes is to send the same inspection team to the same poultry house. This will allow for similar interpretation of the cleaning and disinfecting.

To date, only two houses have passed full task force inspection, Hoffman said. These houses must remain idle for 30 days before the farmer receives indemnity payments and before the houses can be repopulated.

Also discussed at the meeting were procedures that need to be completed before the quarantine can be lifted. While Hoffman stressed that this does not mean the quarantine will be lifted soon, procedures, which include collecting data and writing reports on flock sampling and depopulation, must begin now.

In other updates:

- Three turkey flocks in Virginia were diagnosed with the avian flu virus, although, it had not been determined if the virus was of the highly pathogenic strain. The flocks were marked for depopulation, according to officials from the Virgina Department of Agriculture.

- An amendment to Senate Bill 87 to provide $1 million in funds for state poultrymen hit with avian flu is still in consideration and is expected to pass both houses. The amendment, drafted by Senator Noah Wenger, Lancaster County, will provide the $1 million in addition to $216,000 from the indemnity budget for birds lost through depopulation measures

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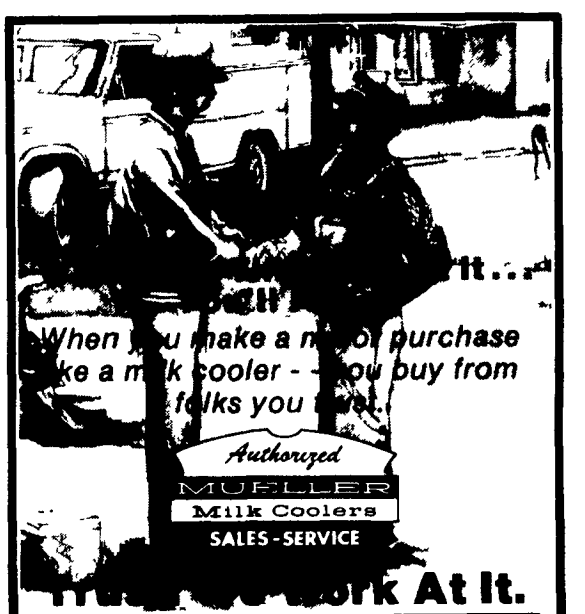

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AGCC board votes to bring new genes into Guernsey breed

COLUMBUS, OH - Directors of the American Guernsey Cattle Club have approved recording information on Guernsey crossbred cattle with 50 percent or more Guernsey genes. This landmark decision and several others were made at the AGCC fall board meeting, November 4 and 6, in Louisville, Ky.

Bernie Heisner, AGCC executive secretary-treasurer, said these significant decisions prove, "Guernseys are a breed on the move."

The board's approval means that the AGCC must now provide a self-supporting, record-keeping system, for recording information on cattle with 50 percent or more Guernsey genes. Animals with less than 100 percent pure Guernsey genes will be labelled with an X prefix on their name followed by a two digit number designating the percentage of Guernsey genes

In order for males to qualify for a unique number from AGCC, they must be 75 percent (X75) or higher and have traditional Guernsey color characteristics.

"X" animals will most likely be issued papers of a diffrent design than those currently used for purebred or Genetic Recovery animals.

Still to be resolved are questions as to fee rates, what to call the program and at what level, if any, should "X" animals be eligible to compete in AGCC approved shows and for AGCC production performance awards?

The board also approved adoption of a Johne's Disease control program. This includes encouraging herds to test to find out their status. AGCC will be seeking Johne's vaccinates and animals from herds that have tested and found no known Johne's for future AGCC sponsored sales.

Any herd consisting of all or part registered Guernseys is eligible to participate. Herds may enroll regardless of previous history of Johne's Disease.

Documentation of Johne's free status will be based on fecal culture of all adult cattle in the herd, 2-years-old and older. The testing methods will be reviewed annually and the program modified if appropriate to encompass new test technology. Only laboratories which use the approved methods and meet the quality control standards of the National Animal Disease Center will be considered.

All fecal culture results are known only to the laboratory performing the cultures, the owner, and the herd veterinarian. The AGCC will only publicize information about positive cultures.

The Guernsey Foundation, a tax-deductible research foundation, has agreed to provide partial funding during 1984 to for Johne's research, Beta-carotene testing in milk, and research to study the correlations between type traits and productive longevity.

Directors of the American Guernsey Cattle Club voted to permit the introduction of new genes to the breed. Their decision may change the future matings of these purebred heifers.

The boards also approved a number of new beneficial reports to be made available to herds enrolled on Guernsey Total Performance Evaluation (TPE) program.

Heisner announced that a trip is being planned to England and the Isle of Guernsey for U.S. Guernsey enthusiasts. The trip is scheduled for June 26 to July 10, 1984, to celebrate the 100th anniversary of the English Guernsey breed association. A brochure is available from the AGCC office with many of the basic details.

I. 87% M or F
- Reg. G. Bull
  - 75% G. Female
  - Reg. G. Bull
    - 50% G. Female No 50% Males
    - Reg. G. Bull
      - Non-G. X Female

II. 87% M or F
- Red Male 75% G. Male
- Reg. G. Bull
  - 50% G. Female No 50% Males
  - Reg. G. Bull
    - X Female
- Reg. G. Female

III. 87% M or F
- Reg. G. Bull
  - 75% G. Female
  - Reg. G. Bull
    - 50% G. Female No 50% Males
    - Non G. X Male
    - Reg. G. Female

IV. 87% M or F
- Red Male 75% G. Male
- Reg. G. Bull
  - 50% G. Female No 50% Males
  - X Male
- Reg. G. Female

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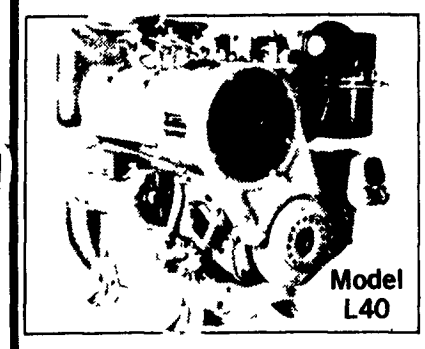

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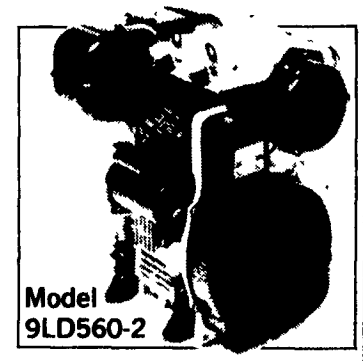

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DEALERS INQUIRIES INVITED

Block to address annual Farm Bureau meeting

PARK RIDGE, Il. — Two top political leaders, joined by a ranking U.S. diplomat will head the list of speakers at the 65th annual meeting of the American Farm Bureau Federation in Orlando, FL, Jan. 8-12.

Agriculture Secretary John Block will address the general session at the Orange County Convention/Civic Center on Monday morning, Jan. 9. Tuesday morning's general session will be addressed by House majority whip Thomas Foley, a Democrat from Washington state, and then by Kenneth W. Dam, Deputy Secretary of State.

For Block, a former county Farm Bureau president in Illinois, and later Illinois Agriculture Director, it will be the third appearance at an AFBF annual meeting, but the first as a general session speaker.

Foley, as majority whip is the third ranking Democrat in the House, was chairman of the House Agriculture Committee from 1975-81, and still serves as its vice-chairman and head of its subcommittee on wheat, soybeans, and feed grains.

Dam was named Deputy Secretary of State in September of 1982 while Provost of the University of Chicago. In previous government service he has been consultant to the Office of Management and Budget and was executive director of the cabinet-level Council on Economic Policy in 1973. He is a native of Marysville, Kansas and a graduate of the University of Kansas and the University of Chicago law school.

Soil management, use are important

CHAMBERSBURG — With about 35 different soil types in Franklin County, management and use of the soils on each farm is very important, states John Akers, district conservationist with the Chambersburg office of the USDA Soil Conservation Service.

A given farm may have two to five or more soil types with different characteristics, requiring different management techniques, Ackers says.

Some soils have a seasonal high water table that may require internal drainage, other soils may have a high clay content and be difficult to do soil tillage and some may be gravelly or stony. A soil survey is published for Franklin County that shows the different soil types for the whole county. Knowledge of the soil is the first step in how to use and manage it for maximum production.

The Soil Conservation Service office at 550 Cleveland Avenue in Chambersburg can provide soils information to landowners. By knowing the soil type and its characteristics, then recommendations can be made on drainage for seasonal high water table soils, developing tillage systems to be used in heavy clay soils and crop or grass management needed for gravelly or stony soils.

The foundation of any farm management system is the soils and how well it produces the crops needed on each farm, Ackers says. Getting maximum crop production with a minimum amount of time, effort and cost is only possible if the soils are used and managed properly.

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Grange helps initiate new house bills

HARRISBURG — The Pennsylvania State Grange in cooperation with Representative Carville "Peck" Foster, and other legislative sponsors, is initiating two new House amendments restricting foreign agricultural enterprises in the Commonwealth. The two bills, HB 1751 and 1752 were introduced by Rep. Foster into the House Agriculture and Rural Affairs Committee with amendments urged by the Grange, according to State Grange Master Charles Wismer, Jr.

The legislation will "directly affect the future of the family farmer in Pennsylvania," Wismer announced at a press conference held recently at the Capitol Rotunda in front of a large group.

One of the amendments will change the Agricultural Land Acquisition by Aliens Law of April 6, 1980, Sec. 1 (HB 1752): The amendment would limit the current allowed 100 acres to 10 acres for foreign investor acquisition of agricultural lands, except in the instance of "acquired by demise or inheritance, and such as may be held as security for indebtedness."

"Agricultural land is a natural resource, and should be owned only by U.S. citizens. Foreign-owned farm land also adds to our farmer's competition and surpluses," Wismer commented.

House Bill 1751, The Pennsylvania Industrial Development Authority Act, has been introduced to Ag. Committee also by Rep. Foster with an exclusion forbidding foreign-owned agricultural enterprises from receiving Pa. Industrial Development project (PIDA) funding. PIDA loan funding is given to industrial development agencies for the payment of a part of the cost of industrial development projects in critical economic areas in the Commonwealth.

Rep. Foster and the Grange feel that State monies should not be allocated to foreign-owned agricultural enterprises, especially since they add to the current product surpluses, and aren't critical employment entities.

To use an example, foreign-owned farm operations are in competition with poultry farmers — and this is one of the industries that has been suffering greatly from not only foreign investors moving in, but also from the drought, a depressed egg market, and most recently, the severe avian influenza outbreak, according to Wismer.

"The Grange is hoping that Senator Wenger's idea also will bring some needed relief specifically to the burdened poultry farmer affected by this disease," Wismer said.

The Senator is introducing an appropriations amendment for about $1 million in state grant money to reimburse farmers for bird losses prior to the release of federal depopulation funds in November. The money would also provide grants for clean-up expenses so that "poultry farmers can get back in business as soon as possible," Wenger said.

"This is just another step in a total program - there may be a need for a loan program to follow the clean-up in order to resume business," he said.

The Grange has been requesting government funding for retroactive payments for bird losses prior to the federal depopulation program, clean-up monies, and down-time income loss reimbursements. Poultry farms affected are inoperable during clean-up/disinfection for anywhere from 30 days to three months.

"There is no money coming in from the bird houses, but there are still mortgage payments to make, and expenses to pay," Wismer said. "Senator Wenger's legislation is a major step towards getting the poultry farmer back on his feet."

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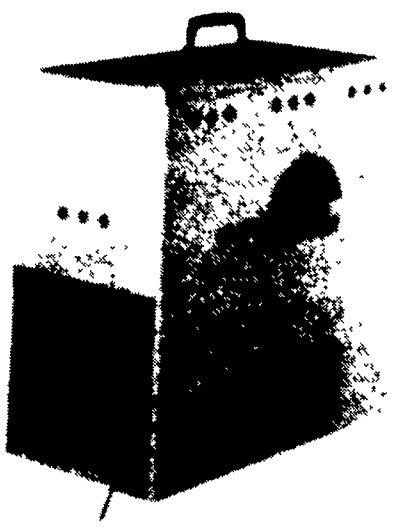

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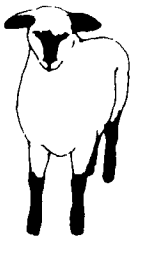

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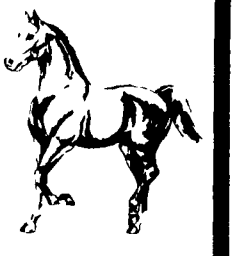

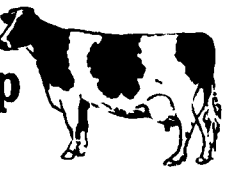

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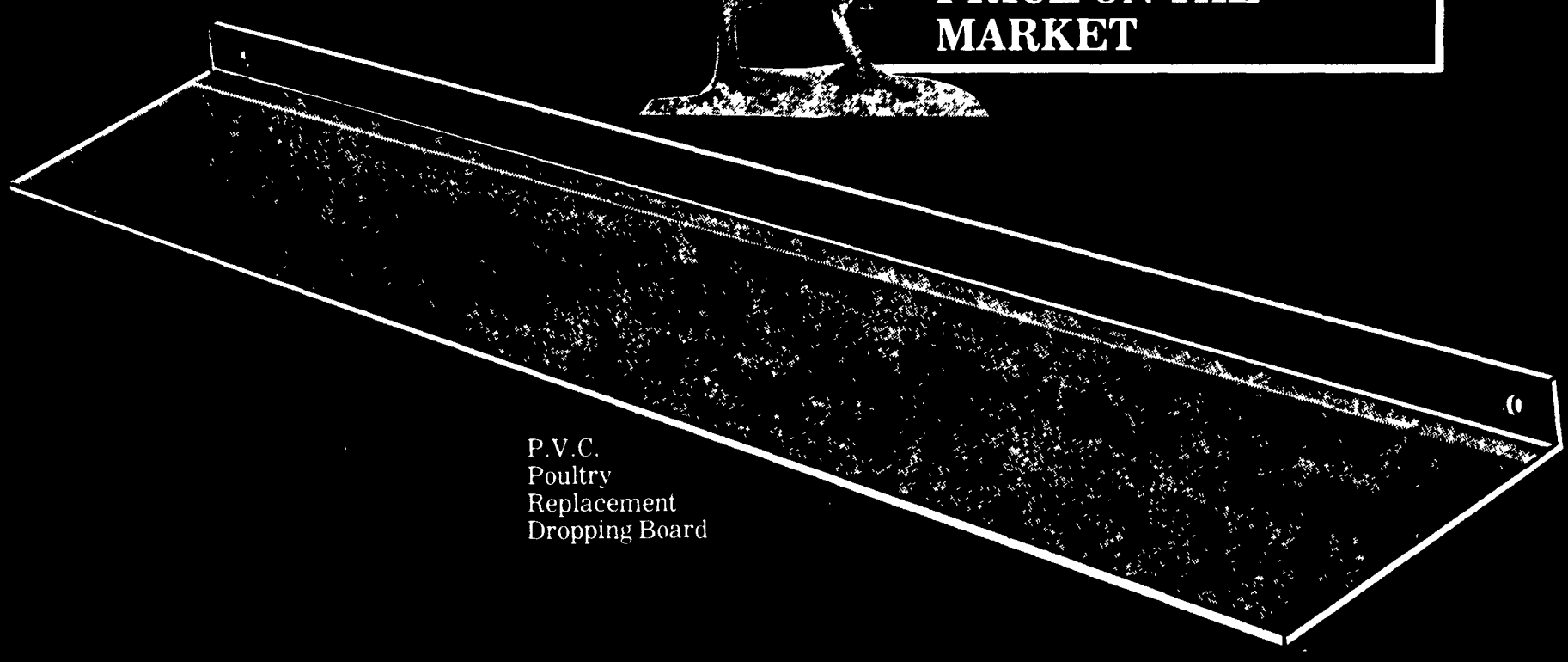

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Wayne County analyzes 1983 potato plots

HONESDALE — The Wayne County Extension Service established the 1983 Potato Demonstration Plots on the Homer Courtright Farm near Hamlin. Fourteen different potato varieties were planted, which included three red varieties, six white varieties, two russet-type varieties, two yellow-fleshed varieties and one purple-skinned variety.

The demonstration plots for each variety consisted of four-25 foot rows. A spacing of thirty-six inches was used between each row.

The potatoes were planted on June 14, 1983 with a spacing of nine to twelve inches between seedpieces for all variaties except Bel-Rus. The Bel-Rus variety was planted with a spacing of twelve to fourteen inches between each seedpiece.

Granular systemic insecticide Temik was placed with the seedpieces during planting to control potato insects like wireworms, Colorado potato beetles, flea beetles and potato aphids. Insect control was termed excellent.

The potato plot tested at pH of 6.2. No lime was recommended. Approximately six pounds of 10-20-20 was applied in each twenty-five foot row at planting time.

The potato site received very little rainfall throughout the summer and did not receive any supplemental irrigation.

The potato plots were dug on October 27th with the following yields for fifty feet of row weighed. The number in parenthesis is the projected yield of that potato variety in bushels per acre.

Variety	Yield for 50 feet of row	Project yield per acre (bu./acre)
Buckskin	157.0 pounds	(759.88 bu./acre)
Superior	126.8 pounds	(613.71 bu./acre)
Chieftain	125.3 pounds	(606.45 bu./acre)
Katahdin	118.4 pounds	(573.06 bu./acre)
Norland	110.2 pounds	(533.37 bu./acre)
Yukon Gold	109.5 pounds	(529.98 bu./acre)
Caribe	108.7 pounds	(526.11 bu./acre)
Islander	103.3 pounds	(499.97 bu./acre)
Delta Gold	90.5 pounds	(438.02 bu./acre)
Jemseg	74.1 pounds	(358.64 bu./acre)
ND 146-14R	72.4 pounds	(350.42 bu./acre)
Bel-Rus	69.8 pounds	(337.83 bu./acre)
Rosa	36.5 pounds	(176.66 bu./acre)

The Russette variety was not weighed and sampled. A portion of the plot was dug-out prior to the October 27th digging date.

All of these potato varieties were selected for tablestock use. These varieties all have good winter-time storage potential if handled properly.

Potato growers interested in more information about these potato varieties are encouraged to contact the Wayne County Extension Service at 253-5970, extension 114 or by visiting the Extension Office which is located in the basement of the Wayne County Courthouse in Honesdale.

Deficiency payments reported

WASHINGTON, D.C. — Eligible wheat farmers soon will receive an estimated $735 to $765 million in deficiency payments on their 1983 crop, barley farmers will get about $35 to $40 million, and oats farmers about $7 to $10 million, according to Everett Rank, administrator of the U.S. Department of Agriculture's Agricultural Stabilization and Conservation Service.

Rank said deficiency payments are required under the 1983 wheat, barley, and oats programs because average market prices received by farmers during the first five months (June through October) of the marketing year were below established target price levels of $4.30 per bushel for wheat, $2.60 for barley, and $1.60 for oats.

The deficiency payment rate is based on the difference between the established target price and the higher of the national weighted average market price for June through October of the Loan rate.

National weighted average market prices were $3.51 per bushel for wheat, $2.39 per bushel for barley, and $1.49 for oats. Thus, eligible producers will be paid 65 cents per bushel for their 1983-crop wheat based on the $3.65 loan rate, 21 cents per bushel for this year's barley, and 11 cents for oats, based on the national weighted average market price.

Deficiency payments will be made to wheat, barley, and oats farmers who participated in the 1983 acreage programs. Rank said the payment checks will be issued through local ASCS offices as soon as possible after De. 9.

Producers participating in the acreage reduction programs were eligible for advance deficiency payments at a rate of 32.5 cents for wheat, 20 cents for barley, and 7.5 cents of oats. Final deficiency payments will be reduced by payments advanced to the producer for the respective crop. A total of $344 million has been paid in advance deficiency payments for wheat, $27 million for barley and almost $2 million for oats.

USDA office open for farm tours

WASHINGTON, D.C. — Throughout the year, many farmers and farm families visit Washington, D.C., and when they do they are invited to visit the Department of Agriculture national office.

A visitors' center is located inside the Independence Avenue entrance to the USDA Administration Building, between 12th and 14th Streets. A film and information about USDA are available to be reviewed in the visitors' center.

Tours of the USDA complex may be scheduled by writing to Christina Mosher Wilson at USDA, Office of the Secretary, Room 216-A Administration Building, Washington, D.C. or by calling 202-447-2798. Wilson's office also schedules seminars for farm groups upon request.

4-H Prep Club

Members of the Busy Beavers 4-H Prep Club took part in the County 4-H Prep Door Swag Party held recently at the Extension Center. They made door swags, played games and sang Christmas carols. Santa Claus made a surprise visit and distributed presents to each member.

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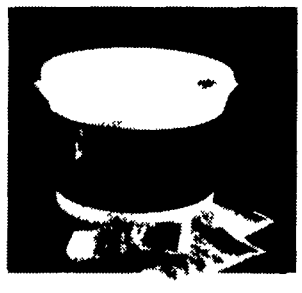

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Cooperatives increase share of milk supply

WASHINGTON, D.C. — Dairy cooperatives are marketing a growing share of the nation's milk and dairy products, according to a preliminary report by Randall E. Torgerson, administrator of the U.S. Department of Agriculture's Agricultural Cooperative Service.

Preliminary data from a survey of all dairy cooperatives in the Nation revealed a slow but steady increase in the cooperatives' share of raw milk marketed, along with increases for most manufactured dairy products, Torgerson said.

In 1980, members delivered to their cooperatives 77 percent of milk sold to plants and dealers, compared with 76 percent in 1973 and 64 percent in 1964.

Cheese sold increased to 47 percent, up from 35 percent in 1973 and 21 percent in 1964. Butter marketings held about steady at 64 percent, down slightly from 66 percent in 1973 and 65 percent in 1964. Marketing of dried milk and whey products rose to 85 percent in 1980, up from 73 percent in 1973.

Torgerson said significant gains were seen in the fluid processing and soft product industry sector, with 16 percent of the nation's milk now bottled by cooperatives, compared with 12 percent a decade ago and nine percent in 1964. Cottage cheese shares increased from 13 percent in 1973 to 22 percent in 1980, while ice cream increased to 14 percent, up from only five percent in 1973.

Cooperative milk marketings increased significantly in New England, Central and Pacific regions, held about steady in the South Atlantic and decreased in the Middle Atlantic and Mountain regions.

Highlights of the report, "Operations of Dairy Cooperatives," by Thomas H. Stafford and James B. Roof, USDA economists, will appear in a future issue of USDA's "Farmer Cooperatives" magazine and later in complete published form.

Hunterdon Hayshakers

New officers for the 1983-84 year were elected. The results were: President, Barbara Murphy; 1st Vice-President, Karen Baker; 2nd Vice-President, Jodi Neuberger; Recording Secretary, Becky Alpaugh; Corresponding Secretary, Tara Udut; Treasurer, David Palmer; Assistant Treasurer, Kristin Sandorff; Reporter, Jennifer Hasselbrook; Photographer, Susan Kostak; and Scrapbook, Shenee Foldy. Members discussed plans for their Valentine Square Dance, which will be held at the Extension Center on Feb. 11. Their club Christmas party will be held Dec. 18. The place has not been decided yet.

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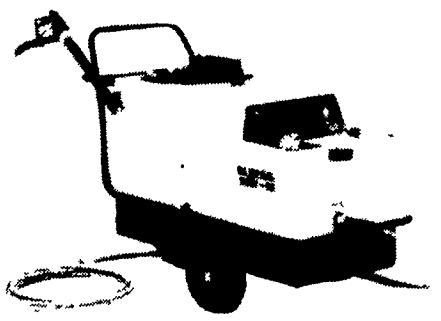
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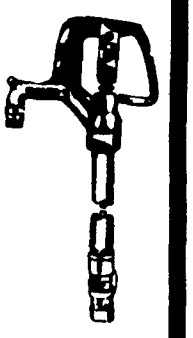

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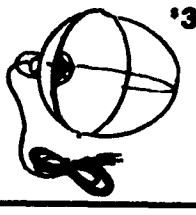

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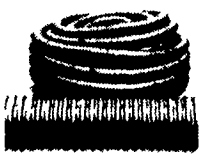

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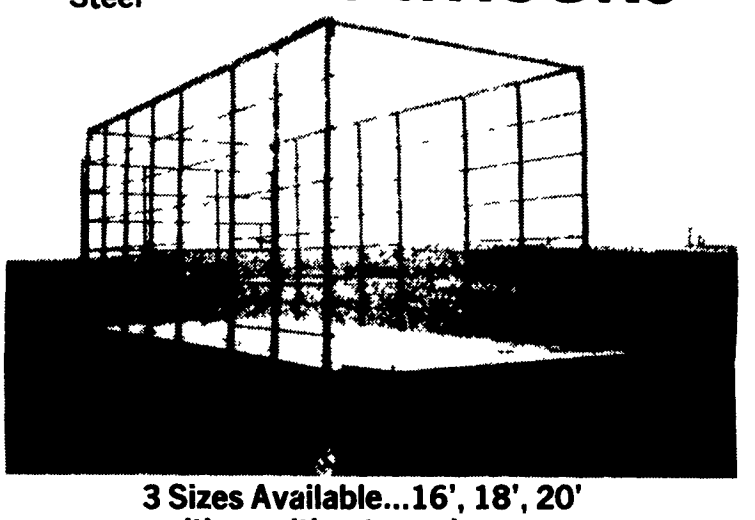

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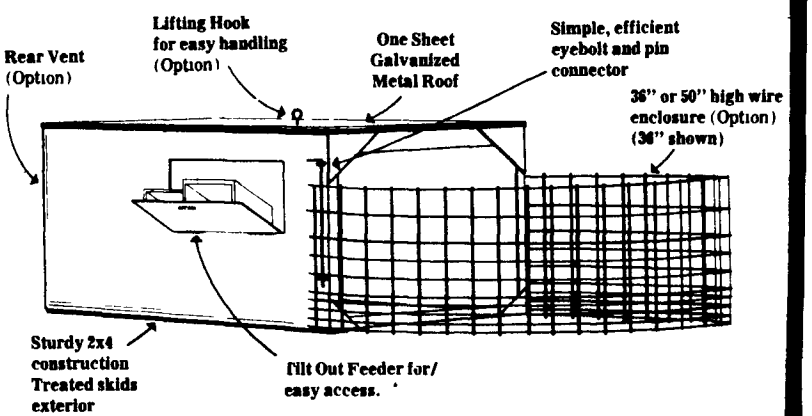
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Pennfield Dairy Days stress

Nutritional foundations for dairy herd management

BY TRISH WILLIAMS

LANCASTER — Dairymen facing challenging herd management decicisions ahead came Monday and Tuesday to Pennfield Dairy Days to learn how to cost efficiently balance their herd's ration. Over 250 dairymen listened to a panel of dairy feeding experts and were treated to a buffet lunch at the Lancaster Farm and Home Center.

A morning session beginning at 10 a.m. was followed by lunch and a second afternoon session that concluded by 3 p.m. Guests were also given the opportunity to visit a full line commercial display of Pennfield feeds and talk with Pennfield representatives.

Manager of Dairy Feed Sales, Don Mahlandt, was moderator for the panel of speakers. Speakers addressed a spectrum of herd management considerations as they are affected by the farm feeding system.

Addressing the subject of "cutting production costs and improving cash flow," Mahlandt disseminated information and materials on feeding schedules that optimise return over feed-costs.

A commercial display area allowed guests to Pennfield's Dairy Days to see, touch, smell, and read about the feeds now being marketed by Pennfield, including the new line of High-Yield dairy feeds.

Speaking on nutrition, health and herd management at Pennfield Dairy Days were: (from the left) Glenn Shirk, Lancaster Extension dairy agent, and Pennfield Managers, Ray Lehr, Don Mahlandt, Brian Perkins, and John Fidler.

Mahlandt said, "the dairy business will change dramatically in the next two to three years. As things tighten up there will be a greater need for leadership... To survive the dairyman will have to have a good solid management system."

A mimeograph on feed reduction programs demonstrated how dairymen can improve the milk to grain ratio by culling low producing cows. Low producers are inefficent feed utilizers compared to high producers who produce more milk per pound of feed.

"There are many fixed costs just to feed a 30 pound cow," said Mahlandt, citing figures prepared by John Brockett and Dick Adams, Penn State. "Dairymen need to have goals and have good financial advise."

"The key to making a profit in the coming year will not be buying more feed, it will be buying the right kind of feed," he said.

Glenn Shirk spoke on herd health. Shirk drew an analogy between the many interconnected components of herd management and a chain. If the health management is weak the management chain will break, he said.

"Good health starts with prevention," said Shirk.

He gave dairymen a small herd health booklet that he had prepared. Included in the booklet is an outline of some preventive herd health practices. The outline lists suggested health management practices in chronological order, from dipping a newborn's naval to immunization to sanitizing the maternity area.

Shirk recommended if dairymen did not have a specific herd health program that they plan a time when they can meet with their veterinarian to develop a program.

Shirk pointed out that prevention

(Turn to Page A29)

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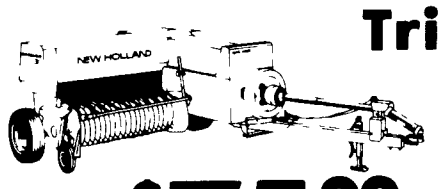

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Mt. Joy shepherd

(Continued from Page A18)

of your lambs if you're not watching."

Longenecker likes to see his lambs weigh between 10 to 12 pounds at birth and reach about a 110-pound finishing weight. Because he raises different breeds, not all lambs reach that weight. Dorsets, he said, are ready for market at 80 to 90 pounds, Cheviots at about 70 pounds, and the Suffolks and Hampshires do reach between 100 to 110 pounds.

About 90 days are needed to reach finishing weight, Longenecker said. The lambs are on creep feeding and gain about one-half to one pound per day. Feed consists of hay, pasture grass and some grain.

The ewe flock is also pastured, and receives hay and grain. In feeding the ewes, Longenecker said he determines feed based on the ewe's own individual condition. If the condition is good, he said, some ewes don't need grain during the winter and are fed only hay.

"A quality hay with good protein is sufficient," Longenecker said. "I don't feel the need to supplement feed."

Many farmers overfeed their sheep, Longenecker said, and they get too fat. A lamb with a good meat type, leg type and long loin is what he looks for in his market animals.

Longenecker said he would like to continue improving the quality of his sheep and also look into other outlets for his market lambs. Direct marketing would be good, he said, but then he would need to raise more sheep.

These young market lambs enjoy a barnyard full of leaves, a bedding Bill Longenecker finds both economical and practical.

Other goals he has set are to continue his religious work. From 1969 to 1974, he was a pastor in Salunga, and from 1974 until this year, he served the Church of the Brethren in Mt. Wilson, Lebanon County.

Currently, he substitutes at area churches and conducts preaching missions. He has brought his farming into his work by sponsoring church functions at his farm.

He would also like to use his sheep in his work, and has taken some to church programs during the Christmas season and to Bible study sessions.

Some day, he said, he would also like to dramatize Psalm 23 through a slide presentation using pictures of his sheep. Easter songs are another possibility, said this pastor who's found a shepherd in his religious work as well as being a shepherd in his own sorts.

Pennfield

(Continued from Page A28)

includes a good feeding program that provides cows with proper nutrition.

"Think of the cow as an athelete," said Shirk. "She needs good lungs, and must be free of respiratory disease. Digestive disease can inhibit efficient feed utilization."

A "positive program for breeding dairy cows" was the subject of a talk given by Brian Perkins, Pennfield manager of dairy and livestock nutrition.

Perkins stressed the importance of feeding the correct levels of protein and vitamins to assure reproductive efficiency. Adequate vitamin A is necessary for good reproductive function, he said. Vitamin A helps guard the integrity of the epithelial lining of the reproductive tract.

"Feed 'em to breed 'em," said Perkins. "Look at the cows, observe them throughout the lactation to make sure they look in good flesh."

For high producing cows or cows under stress, Pennfield introduced a new line of High-Yield Dairy Feeds. High-Yield feeds are designed specially for cows with high nutritional requirements. It is a denser or more compact feed, with more nutrients per volume. This helps cows in early lactation whose feed intake may be limited by bulk and thus are not able to meet their nutritional requirements.

John Fidler, Pennfield manager of technical services, said, "Improvements in the genetics of dairy cows must be matched with improvements in nutrition if she is to reach her genetic potential for production."

High-Yield feeds help high producing cows to overcome the problem of dry matter limiting nutrient intake during the first quarter of lactation. Fidler recommended these feeds for herds with a rolling herd average greater than 17,000M.

The amino acid methionine, sodium bicarbonate buffers and B vitamins are what helps to give High-Yield feeds a nutritional boost.

Mahlandt said these dairy day sessions held in Lancaster were the first in a series of 10 such meetings scheduled throughout Pennfield's marketing area.

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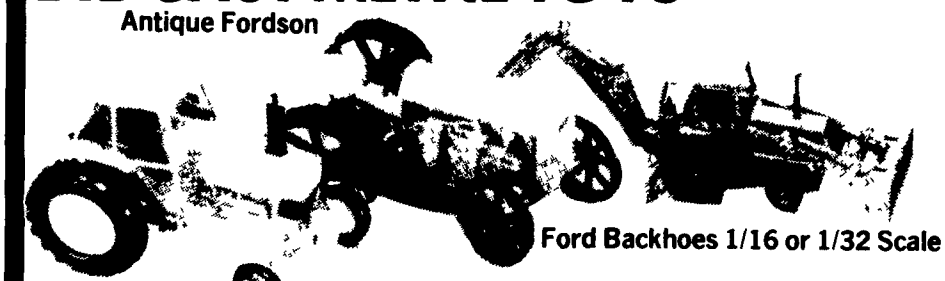

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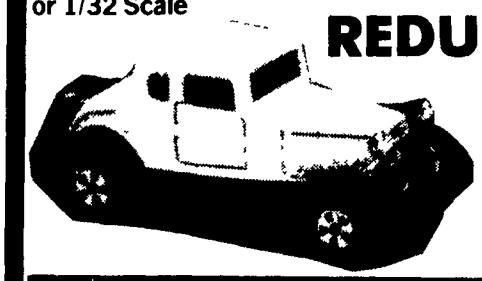

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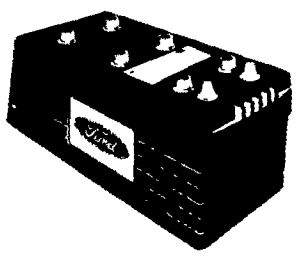

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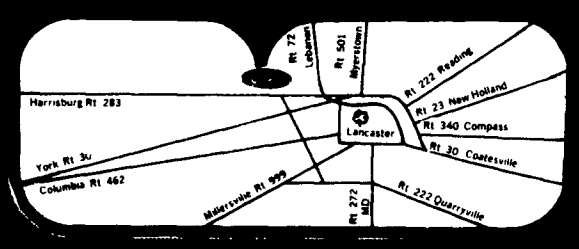

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USDA distributes rules for economic emergency loan program

WASHINGTON, D.C. — New regulations are being distributed to field offices this week with a goal of resuming the economic emergency loan program by Dec. 22, Charles W. Shuman, administrator of the Farmers Home Administration (FmHA), said recently.

When the program begins again, FmHA is authorized to lend a total of $600 million in direct and guaranteed loans to farmers and ranchers suffering economic stress caused by the cost-price squeeze.

The loan program was first authorized in 1978 and expired in September 1983, after more than $6.6 billion had been loaned. It is being reopened for the 1984 fiscal year under order of the U.S. district court in Washington, D.C.

Economic emergency loans are authorized for farmers and ranchers who are directly and primarily engaged in, and expect to continue in, agricultural production; are unable to get sufficient credit from their regular lenders, and need credit to maintain viable farming operations. FmHA can loan up to $400,000 to any one borrower under the economic emergency program.

Among the permitted uses of loan funds are financing 1984 crop production; purchasing essential livestock, feed and equipment, paying family living and farm production debts that cannot be extended, and paying delinquent installments on farm and real estate debts if a lender is demanding payment.

Berks Co. DHIA winners

See article on D16

High herd in fat production and second high herd in milk production was the herd of Charles and Tim Kisslings with their wives, Betty and Teresa.

High individual awards went to: (left to right) Carl Hollenbach, Guernseys; Carl Brown, High lifetime Holsteins; Patricia Dreisbach, Jerseys; Richard Hoffman, Brown Swiss; and George Seidel, Aryshires.

Mr. & Mrs. Ronald Knepp accept the low somatic cell count award from Terry Kunkle for their average of 139,580.

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Mid-Atlantic

(Continued from Page A1)

Maryland, spoke on the need of nitrogen for corn and said that the rate, source, timing and placement of nitrogen are important. For maximum yields, Bandel said, no-tillage corn requires more nitrogen fertilizer than conventional tillage corn.

In applying nitrogen for no-till planting, the injection and dribbling methods have an advantage over broadcasting UAN solutions, Bandel said. In 1983, injection and dribbling increased no-till corn yields by 37.6 percent and 21.1 percent, respectively.

To assist in determining the economic optimum levels of nitrogen fertilization for corn, Bill Lessley, University of Maryland, outlined the university's study on nitrogen fertilization experiments.

Utilizing an average price of 34 cents per pound of nitrogen and $2.80 per bushel of corn, the economic optimal levels of fertilization ranged from 121 pounds per acre (conventional tillage) to 224 pounds per acre (no-tillage), Lessley said. Economically, Lessley said, a farmer doesn't want to spend more money than his returns. Added returns should equal added costs for optimal economic results.

Thomas H. Williams, University of Delaware, compared tillage systems and said farmers have many alternatives in selecting systems to minimize erosion. However, no-tillage systems, he said, rated higher in terms of energy use, fuel and labor costs.

No-till, Williams said, uses less than 10 horsepower-hours per acre. Fuel use runs at one gallon per acre with no-till, and labor use is less than one-half hour per acre. This breaks down to one-third the labor, one-seventh the horsepower-hours per acre and one-sixth the fuel needed for no-till compared with conventional tillage practices.

In speaking on no-till forage establishment, A. Morris Decker of the University of Maryland, said there is nothing magical about no-till; the requirements for success are no different than those for conventional tillage. Farmers have to play by the rules, Decker said, when planting no-till.

Participants in the Mid-Atlantic No-Till Conference take time to ask questions and gather up-date information on conservation tillage practices.

These include applying adequate lime and fertilizer, timely seeding, legume inoculation, weed-free seedbeds, preparing a firm seedbed with shallow placement of seed, and the seed-soil contact. Following these rules, no-till systems can work for alfalfa and other forage crops, Decker said.

Lynn Hoffman, Penn State University, and Gary L. Smith, University of Maryland, teamed up to speak on no-till equipment. In selecting equipment, Hoffman suggested to look for the following criteria: proper soil penetration; good trash clearance; accurate seed metering device to handle a wide variety of seed sizes and shapes; proper seed depth control; proper firming action; and see if parts are locally available.

Another important piece of no-till equipment is the sprayer, Gary Smith said. Getting the proper amount of chemical on the fields to control pests is essential. Three prime variables which affect application rate are the nozzle flow rate, ground speed of the sprayer,

(Turn to Page A34)

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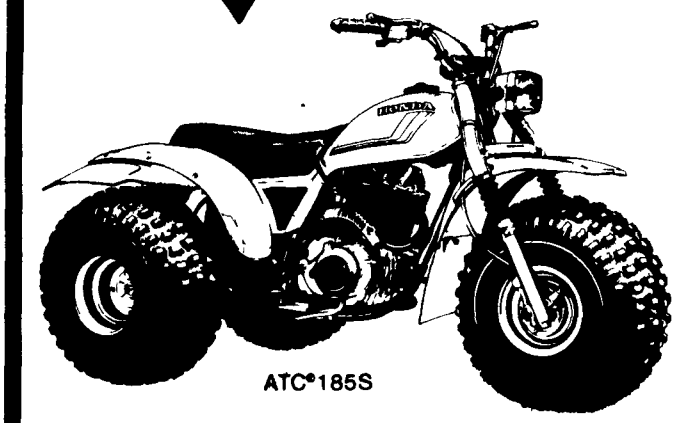

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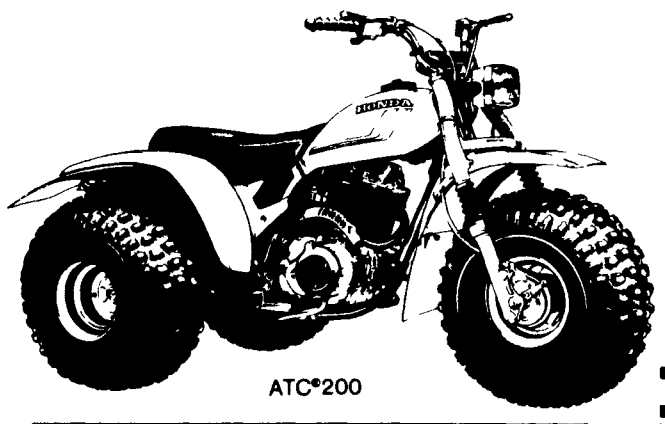

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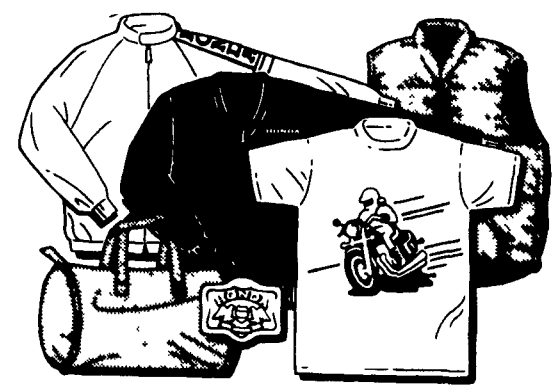

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Perry County caps highest state DHIA average

NEW BLOOMFIELD — Perry County dairymen have again achieved the honor of having the highest DHIA average in Pennsylvania for milk production and milk protein according to county agricultural agent John P. Harris.

With 75 herds on official test the average was 16,617 lbs. milk, 603 lbs. butterfat and 534 lbs. of protein. The county ranked third in the state for butterfat production.

Five herds were over the 700 lb. butterfat average. The high herd in the county was owned by Ray McMillen & Sons, Loysville, with 22,571 lbs. milk, 831 lbs. butterfat and 739 lbs. of milk protein.

The other four herds over 700 lbs. of fat were Ken Benner, Millerstown, with 19,606 lbs. milk and 733 lbs. fat; Milmay Farm, Loysville, with 19,649 lbs. milk and 721 lbs. fat; Richard Smith, Blain, with 18,481 lbs. milk and 704 lbs. fat and Frank K. Rice, Blain, with 19,012 lbs. milk and 701 lbs. fat.

In addition to McMillen's high protein record six other herds topped the 600 lbs. protein mark. They were Ken Benner, Millerstown, with 645 lbs. protein; Milmay Farm, Loysville, with 637 lbs. protein; Frank Rice, Blain, with 605 lbs. protein; David Weller, Elliottsburg, with 624 lbs. protein; Max Reapsome, Loysville, with 606 lbs. protein; Ben Dum, Elliottsburg, with 611 lbs. protein and Tom Dum, III, Landisburg with 610 lbs. protein.

At this combined Perry County DHIA-Holstein Banquet, special recognition was given to the highest producing cows for milk and butterfat for 2-year, 3-year, 4-year and aged cows.

The top milk production award for 2-year-old Holsteins was owned by Ken and Jane Benner, Millerstown. The cow, Santee Acres Shiawana Violet, had 22,005 lbs. milk. Dave and Judy Roth of Loysville owned the top producing 2-year-old for butterfat. Their cow, Milmay Elevation Arlinda Carol, produced 866 lbs. of butterfat.

The same cow topped the 3-year-old butterfat and milk production division. Owned by Ray McMillen & Sons, Loysville. The cow Ray Mc Standout Ray Apple Amy produced 26,584 lbs. milk and 1057 lbs. butterfat.

The 4-year-old division top milk producer was Ray Mc Standout Ormsby with 30,892 lbs. milk. The top 4-year-old for fat was Ray Mc Daisy D. Elevation with 1052 lbs. fat. Both these 4-year-olds are owned by Ray McMillen & Sons.

The aged cow division was won by Ray McMillen & Sons with Ray Mc Ornmby Rag Apple producing 29,501 lbs. milk and 1224 lbs. fat.

Kreiders Mill presented an award to Cedar Lane Farm for having the highest increase in milk production per cow from 1982 to 1983.

The three Perry County DHIA Supervisors were introduced and recognized for their outstanding service to the dairymen of Perry County.

Perry County Dairy Princess, Roxanne Gabel presented a short talk on the nutritional benefits of dairy products.

A ham dinner was served to approximately 140 in attendance.

Perry County high DHIA butterfat awards are presented to, from left, Ray McMillen, Ken Benner, Dave Roth Jr. and Frank Rice. Not pictured is Richard Smith.

High DHIA milk and protein herd honors are awarded to Perry County dairymen, from left, Ray McMillen, Max Reapsome, Ken Benner, Nancy Dum (for Ben Dum), Dave Roth Jr., Frank Rice, Dave Weller and Tom Dum.

Play It Safe With Lights

LANCASTER — Most fires involving Christmas lights start because of defective wires, says A. Joan Lamberson, Extension home economist. To be sure your lights don't cause a fire she recommends these tips.

Before using the set, take them from the box and with the set unplugged, check for sockets that are cracked or broken. A damaged socket will not effectively insulate a person from electric shock.

Check the plug or connector for loose or missing plastic inserts. Loose or missing inserts can expose bare metal conductors.

Push the prongs on the connector against a hard surface or plug the connector into a disconnected extension cord five times. The prongs should not move or cause an insert to push out from the other end.

Spread the wires where they enter the bulb sockets and connectors. Check for exposed bare wires where insulation may have pulled back. Bare wires may cause shock.

With the bulb in place, check between the wires and socket for exposed hair-like wires. These could be filament wires that have been improperly trimmed and can be a shock hazard. Remove the bulb and trim the wires so they are not exposed outside the socket.

Before trimming the tree or decorating your home, place the set on a non-flammable surface and plug it in for 10-15 minutes. Check for melting or smoking.

After you have checked your light set, remember these additional tips to ensure a safe Christmas.

Never attach lights to a metal tree since sharp edges may cut the cord. Use colored footlights to light a metal tree.

Handle the lights carefully during unpacking, decorating and repacking. Do not overload extension cords or light strings. No more than 200 midget lights should be strung together or 40 larger lights. If you're using lights for outdoor decorating, make sure they are UL rated for outdoor use. These lights will be weatherproofed and will have a heavier cord.

Turn off all lights when you leave the house or go to bed. Use the same procedure for new sets and old sets. If you check your lights year after year, your lights should last for a long time.

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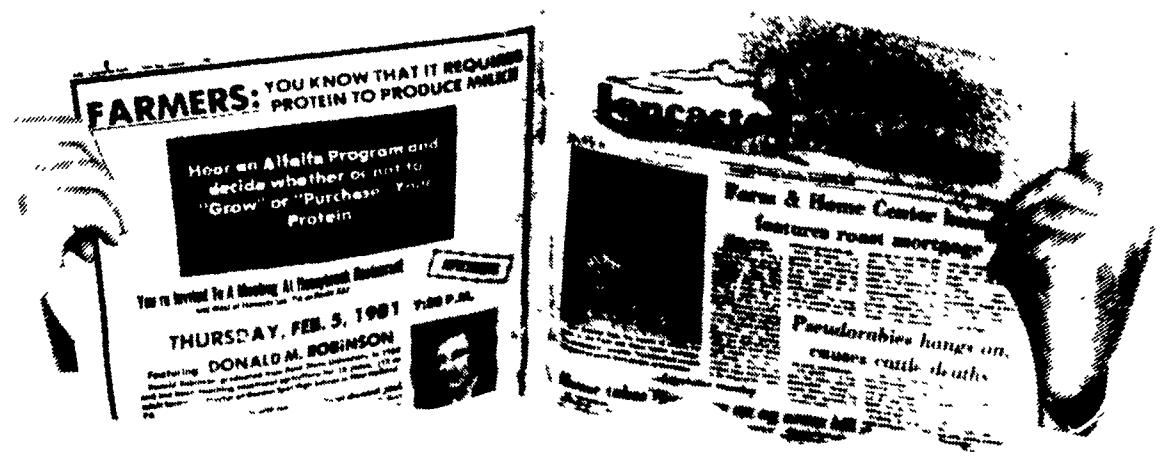
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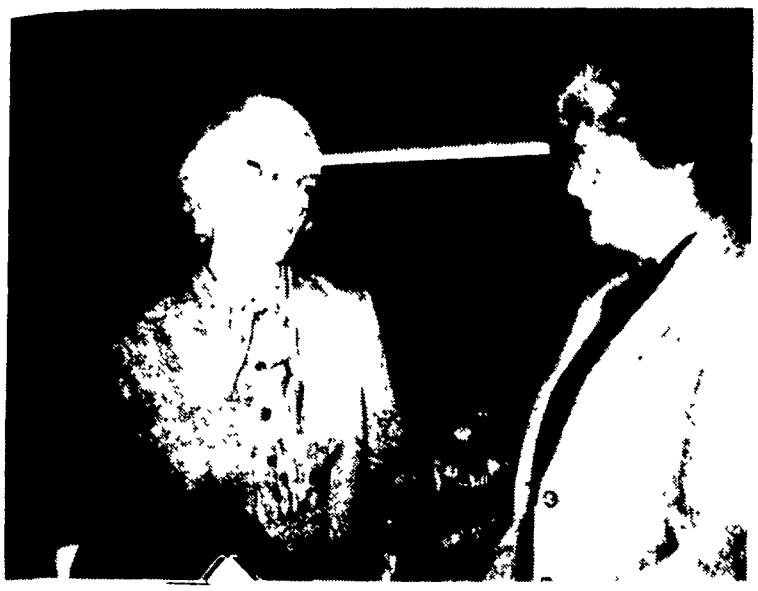
Outstanding Extension Cooperators Named

BY JANE BRESEE
Staff Correspondent

WYSOX — Mrs. Betty Sill and Harold Russell, of Bradford County, were recently awarded as Outstanding Extension Cooperators at the annual Cooperative Extension annual banquet. The event, attended by 60 people, was held Dec. 5, at the Wysox Presbyterian Church.

Surprised and excited, Mrs. Sill declared that the Extension is responsible for everything she has ever learned about homemaking. She has attended over the years almost every available workshop and became adept as a milliner, seamstress, and tailor. She, in turn, was able to teach others her skills and was well known for her pleasant manner.



Mrs. Betty Sill, left, one of the recipients of the Outstanding Extension Cooperator Awards, chats with Mrs. Shirley Fairchild, right, Bradford County Extension home economist.

Mrs. Sill has served on the Extension Homemaker Advisory Committee since the early 1960's, a person Extension could always count on. She is known as Mrs. Extension, remarked Ed Diffienbach, regional Extension director, who gave each of the awardees handsome plaques.

Mr. Russell, a life-time dairy farmer and operator of a maple syrup farm, started working with Extension over 50 years ago with agent Paul Reber with whom he helped to set up a program to eliminate brucellosis in dairy cattle.

Russel served on the board of Sire Power when it was first started as NEPA and later NEBA. He has been a member of Crowley Milk Products Association, holding the office of treasurer and president, and actively backed American Dairy Association and the need for milk advertising funds.

He acted as a committeeman for G.L.F., later called Agway for 45 years, and is presently a director of the Citizens and Northern Bank.

Harold Russell, left, holds his plaque received for being one of the Outstanding Extension Cooperators for 1983, and jokes with Orville Yoder, Bradford County Extension agent. The dual awards were given at the annual Cooperative Extension Banquet held recently in Wysox.

He boasts three children, 13 grandchildren, and 26 great-grandchildren.

Another person honored at the meeting was Jake Guffey who marks his 25th year as a Bradford County Extension agent. Orville Yoder, county agent, remarked that among some of Jake's accomplishments was an agressive program against mastitis. He also established and pioneered milking schools in the county and state and in 1976 started a Somatic Cell Program through DHIA.

Guffey is renowned in his work with 4-H in dairy projects, and provided an important example for 4-H kids to follow, Yoder said.

Featured speaker for the evening was Dieter Krieg, editor of Farmshine. His topic, "What It Means To Be An American," was based on his experiences coming from East Germany as a refugee to America where his father and family established a dairy farm in Florida.

Master of ceremonies was Gary Green, chairman of the Extension Executive Committee. He conducted a short business meeting in which two new directors, Linda Wrisley, of Troy, and Owen Brackman, of Canton, were elected to six year terms.

Leslie Bresee, a Bradford County dairyman, entertained with vocal solos accompanied at the piano by his sister, Jeanne Douglas.

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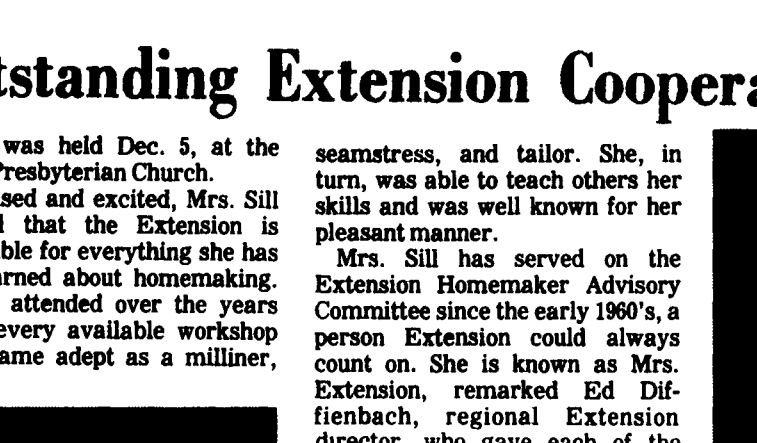

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CHAMBERSBURG — Winter is planning time for farmers, states John Akers, district conservationist with the Chambersburg office of the U.S.D.A. Soil Conservation Service. Farmers are planning what crops and how many acres to plant in the spring.

In addition, they also need to plan what to do with the wet spots that cause problems each spring. Also, what should be done with the sloping hillside that may easily erode some soil with the fall rains. Other farmers may be deciding on whether they want to haul manure every day or whether to plan a storage system and haul it a couple of times a year.

Any farmers who would like assistance in developing conservation plans for their land may contact the Soil Conservation Service office at 550 Cleveland Avenue, Chambersburg, or call at 264-7013.

Conservation planning assistance is provided to all cooperators of the Franklin County Conservation District at no charge. A soil conservationist meets with the farmer, discusses the problems with him and then offers land treatment alternatives to solve the problems the farmer has with his soil resources.

The farmer selects the land treatment alternatives that best suit his cropping program and his financial capabilities.

Rain late

(Continued from Page A1)

"This rain was at a beautiful time, if maybe just a shade in excess," Shoener said.

He explained there are two "windows" during the year when the ground water supply can be replenished. One is in the spring, just after the ground has thawed, but prior to the growth of vegetation. The second is in the fall, just prior to the freezing of the ground, but after vegetation has stopped growing. This rainfall came at the right time.

"It (the rain) has replenished the underground water supply, and after the dry summer that is quite critical."

Perry County was also hit by the summer's drought. When asked what the conditions were in his county, Perry County Extension Agent John Harris replied, "Sopping wet."

"Everyone's glad that the water is in the ground, but generally speaking, I think most of the fellows are saying they wish we had had this rain last summer," Harris said. "We were soaked this past spring and powder-dry this summer."

Harris said the only minor problem caused by the rain was some inconvenience for those who are hauling manure on a daily basis. "This may have caused a few dairymen problems for a few days," Harris said.

John Holbert, Bedford County Extension agent, said of the rains, "They were good, slow soaking rains."

"We are going into the winter with the ground water in good condition," Holbert said. "The rain has soaked in well, so we didn't have much runoff."

Blair County Extension Agent Robert Hetrick also reported that the ground water supply had been replenished.

"It also got the wheat and barley off to a better start," he said.

Hetrick estimated that his county has received about five or six inches of rain since Thanksgiving.

Moving into the northeastern part of the state, Lackawanna County Extension Agent Thomas Jurchak estimated that his county received about four inches of rain. Since the Lackawanna County area was not as hard hit by the drought, the rain was a little more than they needed, according to Jurchak.

"There were no problems, but it was more than we needed," he said. "One inch would have been enough."

Potter County, in the northern part of the state, received in excess of three inches, according to an estimation by Potter County Extension Agent Samuel Crossley. There were drawbacks and benefits in his county.

"I've had a call on a well problem (too much water)," Crossley said. "And I had another call about a well that finally came back after being dry for a year's time.

"We needed to fill the water table back up," he said.

Out in the western part of the Commonwealth, J. Lee Miller, Beaver County Extension agent, said, in his opinion, the rain had its benefits.

"A number of the fellows have welcomed the rain," Miller said. "They like to see the soil moist before winter sets in. That means more moisture in the ground for spring work."

He was uncertain of the exact amount of rain, but felt it was less than that received by the central Pennsylvania area. He said the water table in his county is very high.

The National Weather Service reported the official amount of rainfall in the Harrisburg area as 3.59 inches.

Mid-Atlantic

(Continued from Page A31)

and the effective swath width, he said.

Intergrated pest management, a system to produce high quality crops at the lowest possible cost, was the subject of Walter C. Bay, extension agent in Carroll County, Md. Economic justification for pest control is important, Bay said, and not treating until the economic [illegible] is reached is most cost-effective.

The economic threshold, Bay said, is reached when the cost of controlling the pest is less than the damage caused by the pest. At this point, the pesticide is applied. If the damage is minor and the cost of spraying is greater than the damage, he said, a pesticide should not be applied.

Once corn and other crops are planted through no-till practices, scouting is the step that follows. Charles Sperow, West Virginia University, and Betty Marose, University of Maryland, discussed this topic.

Scouting, Sperow said, is the most visible element of an intergrated pest management program and should be done soon after the crop is planted. Through scouting, checking fields for pest and insect damage, solid data is collected and better recommendations on control can be made, Sperow said.

Through experiments in a soybean scouting program, Betty Marose said the procedure is both worthwhile, and farmers can do it themselves. To properly scout fields, Marose suggested that farmers take random samples from the fields - at least 10 per 40 acres. She also said identifying crop growth stages, pests and their life cycles, using correct sampling methods, and keeping records will help make a scouting program successful.

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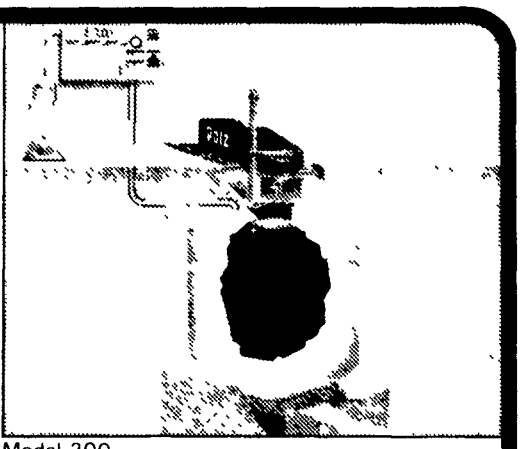

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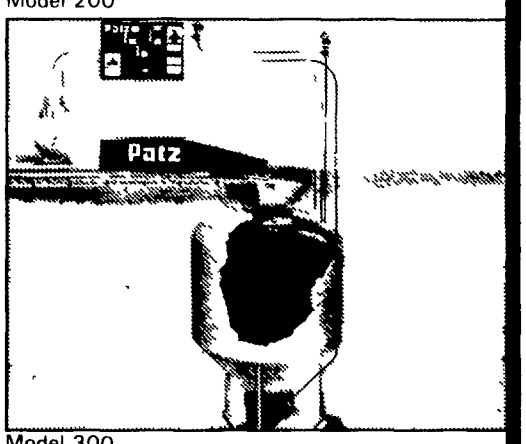

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Computer Language

(Continued from Page A20)

devising language symbols is to "stop overlooking the obvious and always keep things simple."

Within the new lexicon, isopropyl alcohol, which is common rubbing alcohol, is changed from HO-CH (CH_3) CH_3 to the shorter QY1&1. Household ammonia gets a computer identity of ZH.

Computer designations for other familiar substances are QV1 for vinegar, QR bVO1 for wintergreen, and ODR* dQ cO1 for vanilla.

Wiswesser continues to create AWLN designations for complex chemical structures, something he started in 1950. His computer identities now are assigned to several million compounds.

He has seen the original AWLN become standardized and play an international role in helping manage rapidly expanding files and inventories of chemicals for industry and commerce in this country and overseas.

AWLN is a boon to any chemical company that needs to "test hundreds of thousands of new chemicals for biological activity," said Richard Hodgson, Wiswesser's research leader

Not only must the company record all these compounds, Hodgson said, but it also needs to correlate whatever association exists between the arrangement of atoms within a molecule and its biological activity.

"Such correlations tell the chemist what compounds to lean on and twist around to get them to do what he wants," Hodgson said. "As a rule of thumb, whenever there are more than 2,000 items to sort and compare, computerize."

Hodgson characterized AWLN as "an unambiguous, searchable, sortable computer language that allows you to enter, store and retrieve information."

To help keep AWLN unambiguous, Wiswesser retains, whenever possible, the chemical notations taught in chemistry classes. He said his guiding standard is "Zipf's Principle of Least Effort, which favors familiar methods that require the least writing, the least new learning and the least memorizing."

So 0 still stands for oxygen and C still is carbon. But in the new language, the old C1 for chlorine becomes G.

Wiswesser reserves two-letter symbols for metals. K and W for potassium and tungsten, for example, now are Ka and Wo. That's in line with already established two-letter symbols for metals such as Mo for molybdenum.

Some of Wiswesser's language not only identifies chemicals, but also depicts atomic structure. As examples, the widely known symbols N_2, 0_2 and CO_2 for nitrogen, oxygen and carbon dioxide molecules become the computer designations NN, OO, and OCO — a letter for each atom.

Wiswesser expects his system to gain its widest acceptance among today's "computer-weaned students, who know from the beginning that HH is a truer picture of hydrogen than H_2.

And, he said, tomorrow's chemistry students will cope with strange and long names like N-(2-hydroxyethyl) = thioformamide and N-isopropylbenzenesulfonamide by simply reducing them to their AWLN notations of SDO2Q and WSR&MY1&1.

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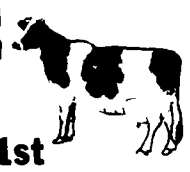

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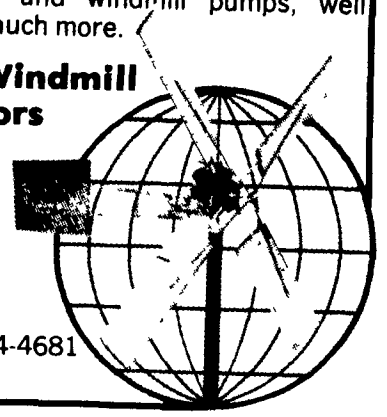

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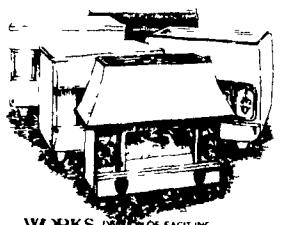

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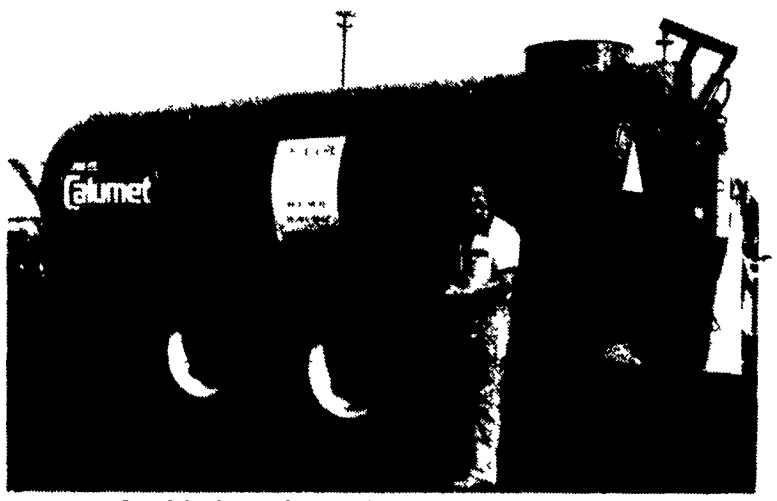

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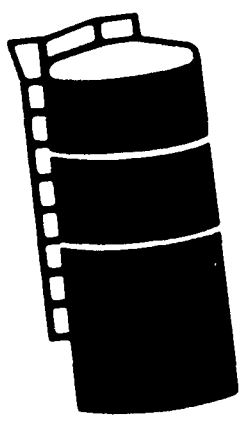

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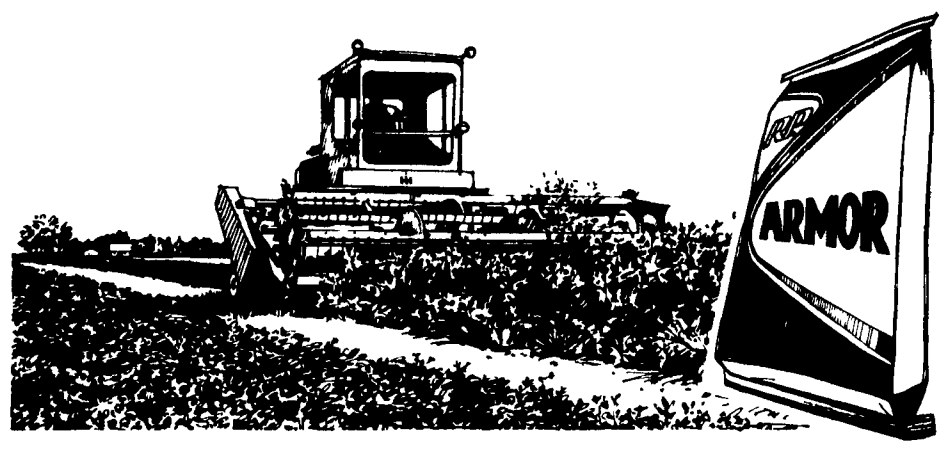

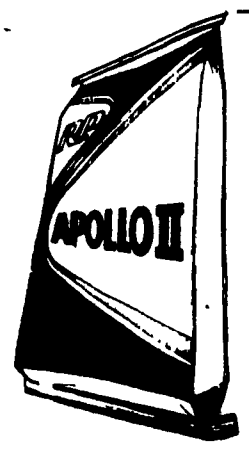

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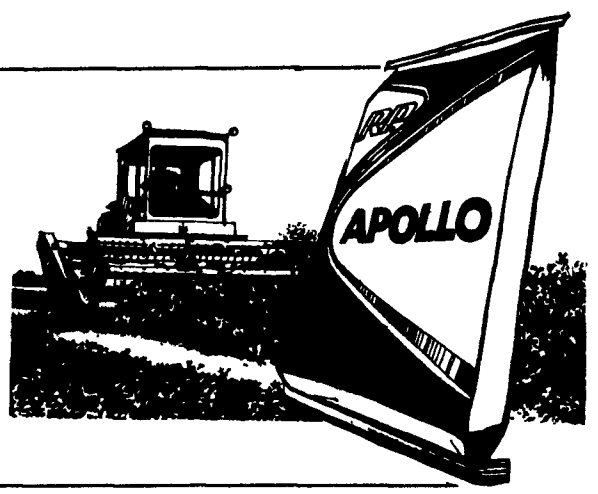

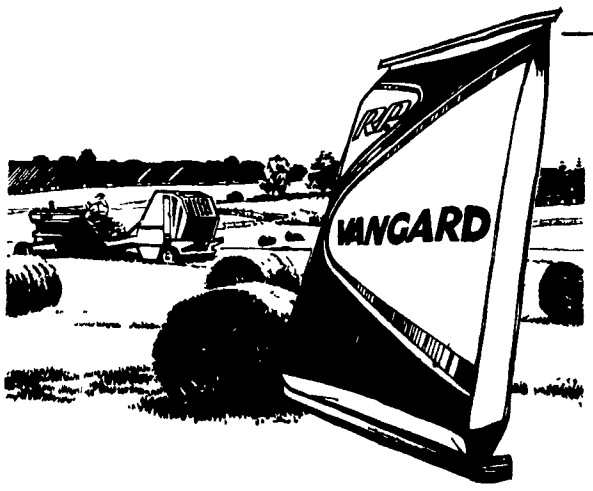

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Christmas Trees Year-Round Business for Schuylkill Farmers

BY ROBIN PHILLIPS
Staff Correspondent

Christmas trees are big business in Schuylkill County and the growers there are determined to let everyone know of the top quality of their live trees. Although there are many part-time growers in the county with a few acres of trees, there are several growers who have turned their businesses into full-time occupations for them, and for over 10 employees during the Christmas season.

"They're quality growers," George Perry, Schuylkill County Extension Agent, stated. "They're proud of their product. It's a pleasure to work with these people, and they're willing to work with you," Perry explained that the growers of the 2500 plus acres of Christmas trees are continually striving for healthy, growthy trees.

Last year, Pennsylvania was second only to New York in the number of trees planted. There were over eight million trees planted in Pennsylvania alone and only one million harvested. Tree growers are very conscientious about replanting, and predictions are that it is this replanting that will give the best crop in history this season.

"The thing that makes the Christmas tree unique is that it is purchased once a year," stated Roger Tobias, R1, Pine Grove. A past president of the Pennsylvania Christmas tree Growers Association, Tobias is instrumental in publicising his industry statewide and nationally. He has been featured in Newsweek as well as the major publications of his industry. A delegate to the Pennsylvania Farm Bureau on the Agricultural Nursery and Greenhouse Crops Committee, and currently serving on the Board of Directors of the Pa. Christmas Tree Growers Association, Tobias constantly tries to educate homeowners on the proper selection and care of their tree.

Workmen were busy "baling trees" at Omler's farm. A machine is used to wrap the tree in twine to prevent any breakage to the limbs when it is shipped. After the twine is cut, the branches flare out just as if taken from the field.

Burt Bachert stands in front of his trees. He boasts continual customers for 30 years and said he always runs short of trees.

Bill Omler shows the seeds for the Christmas trees. "Here's where they start," he said. At Omlers, seedlings are also graded for size and quality and only the best are planted.

In referring to the fire hazard publicity, a live tree often generates in the news, Tobias stated. "The record shows that there have been more fires caused by the artificial trees (shorting out) than by any other. The quality tree grower will not cut his trees until there has been sufficient rain." Tobias explained that this keeps the trees fresh for the homeowner.

This year the growers admitted they are running late for the Christmas season since the rains came late. "It's (the weather) hurting us badly and I don't think the trend is going to change," Tobias said.

Bill Fetherolf, manager of Pioneer Evergreen Farms, R1, Orwigsburg, echoed the same complaints.

"We're having everything against us," he stated, explaining that with the drought many seedlings were lost and now at the harvesting season the weather is too warm. "There's too much temperature contrast," he continued. "We try to monitor our quality and watch the freshness of the tree," he stated.

Pioneer Evergreen Farm is owned by Fetherolf's mother and his uncle, Glenn Kimmel. They retail and wholesale their trees, selling between six and nine thousand trees a year. Started in 1943 by his father, Fetherolf stated that he was born and raised around Christmas trees. He stated, "People are more quality conscious. "They never realized they (the trees) were of such high quality."

Fetherolf and Tobias gave the following recommendations for caring for live trees:

1. In selecting the tree, bend the needles. If they bend instead of break, you have a fresh tree.

2. Keep your tree outside and cold until ready to decorate.

3. "Treat your live Christmas tree as you would cut flowers," Tobias stated. Make a fresh cut in the trunk and place in fresh water. They may drink two quarts or more a day. Keep the base of the tree immersed in water. "Once the water has gone below the butt on the tree, it's too late," Tobias states. "The tree has sealed itself." But he adds that if properly watered, as long as the tree keeps drawing water, it will be fire resistant.

Several of the growers advocated the "Stand-Straight" system for setting up the trees. Bill Omler demonstrates how it works. The tree is aligned and a hole is drilled in the trunk. The tree is placed on a peg in the stand and automatically stands straight.

4. Check your lights and wiring for worn spots and cracks. Take care not to overload the electric circuits. Use common sense and keep wax candles and open flames away from your tree. Lights should not be left on when you are not at home.

5. Do not decorate your tree with cotton, paper, or other materials that burn readily.

Bill Omler, Christmas tree grower, R1, Schuylkill Haven, said, "I'm not worried about the competition from Pennsylvania, I'm worried about it in other states."

(Turn to Page B-4)

Homestead Notes

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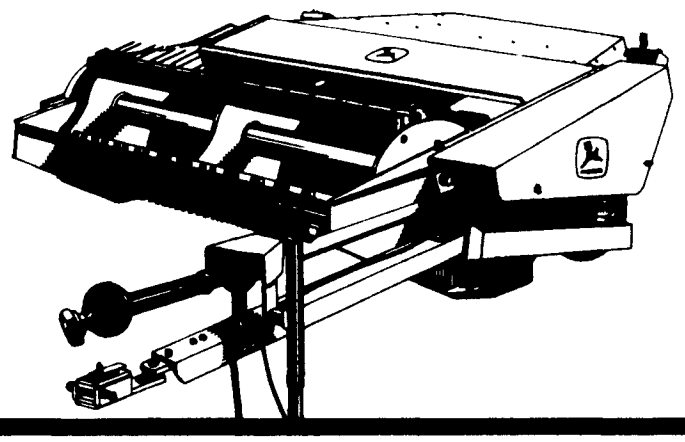
BOTTOM-LINE SPECIALS



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Finance your initial buy with John Deere and finance charges will be waived to the first use month in 1984. Or you can take a cash rebate in lieu of waiver.* For example, buy both a self-propelled hay windrower and a round baler in December 1983, and get a cash rebate in lieu of waiver for $925 if the first use month is June in your area. Still another option is to lease these tools with lease-payment discounts comparable to the waiver of finance charge.*

You can, of course, buy any of these hay or forage tools individually. Waiver of finance charge or a cash rebate in lieu of waiver will still apply.

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		3940/3960 Forage Harvester	1,400
Mower/Conditioner	400	Square or Round Baler	1,400
		Mower/Conditioner	1,600
		SP Hay Windrower	1,600
		3940/3960 Forage Harvester	1,600
Self-Propelled Hay Windrower	400	Square or Round Baler	1,400
		Mower/Conditioner	1,600
		SP Hay Windrower	1,600
		3940/3960 Forage Harvester	1,600
3940/3960 Forage Harvester	400	Square or Round Baler	1,400
		Mower/Conditioner	1,600
		SP Hay Windrower	1,600
		3940/3960 Forage Harvester	1,600

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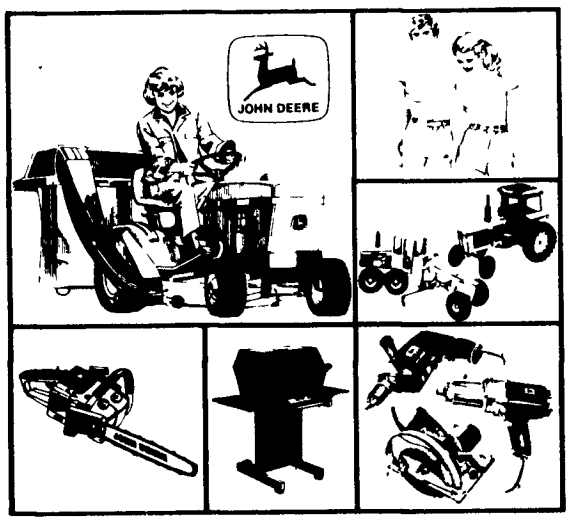

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Christmas Trees

(Continued from Page B2)

Omler and his two sons wholesale and retail seedlings, dug trees, and Christmas trees on their 300-acre operation. Omler started his business as a hobby in 1952 to generate income to educate his children. "I never thought my boys would want to come into this business," Omler stated, explaining that he has increased his operation because of this.

Although admitting that the weather and bad publicity have not been good for the industry, Omler stated, "I don't even think about the artificial tree anymore. This ecology thing has changed people." Each acre of Christmas trees produces enough oxygen to meet the daily requirements of 18 people. The growers are also providing scenic belts throughout the state and country. "I'm on my second generation of people (customers)," Omler proudly stated.

These growers also all agreed that people misunderstand about the time it takes to grow that beautiful Christmas tree. "It takes between eight and 12 years for a tree to reach the size most suitable for a Christmas tree," Tobias states.

For full time Christmas tree growers, January and February are the times to catch up on paperwork and equipment repair. In March, the growers begin to prepare the fields for replanting. Stumps are removed and second rate trees are also removed and sold. Seedlings are also lifted, sorted, and packaged for sale to other operations. In April, the planting of the seedlings begins. Also, many growers continue to "ball and burlap" (dig out and wrap for sale) trees for sale to nurseries. Spraying for insects and many tree diseases is started and in May the preparation of the seed beds for starting the seedlings is begun.

Seed beds are sterilized by machine and covered with plastic for a few days and then aired and rototilled. It takes two weeks for the seeds to germinate and then they are covered with "half shade" (resembling snow fence) until September. This keeps the tiny seedlings from being burned out by the sun. Seed beds are always made East to West to provide the proper sun and shade. The first year seedlings are then covered with "salt hay" (a type of ocean grass) in September to December to keep them protected over the winter until spring. Seedlings are grown for three years by the Christmas tree grower before they are ready to sell.

In June, July, and August, the job of shearing (trimming and shaping) each tree takes up to six days of each week. Shearing makes the trees grow out fuller and even. September and October mark the digging of trees to sell to nurseries.

"The dug, live Christmas tree has become so popular that the call has multiplied 100 percent each year over the last five years," Tobias said.

Sometime in November, depending on the weather, cutting for the Christmas season starts. Many growers irrigate their trees in September and October to make trees moist and fresh for cutting and to fight the dry weather conditions. In Tobias' operation, trees are watered every other day with up to 40 gallons of water per tree.

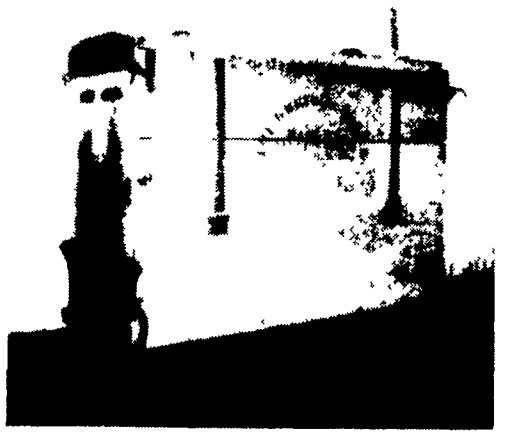
"To do it right," stated Burt Bachert, R1, New Ringgold, "it is a full time occupation." Bachert wholesales and retails on his 150 acres and also raises Douglas Fir seedlings. "There's always going to be sale for a quality tree." he stated. Each season Bachert cuts 10,000 trees. Bachert stated that he has people coming back for his trees for 30 years.

John Bachert, Burt's grandfather, was the first one in this area to start shearing trees, around 1931. "He's the one that got all these guys going around here," Burt stated.

The Douglas fir is the most popular tree for buyers. "It lends itself to a more elegant tree," stated Tobias. All the growers handle the different fir trees because of their popularity in addition to some spruce varieties and some pines.

Although the firs remain as the most popular trees for Christmas, Bachert predicts the Scotch Pine to make a comeback on the market. Because the fir trees take from 10 to 16 years to grow, the Scotch Pine is a cheaper tree, reaching saleable size in six to eight years.

There is something really cheerful, special, about a real tree in a home with the family gathered to decorate it. The growers stated that many people seem to want to try to bring the traditionalism back into the homes that was always associated with the holidays.



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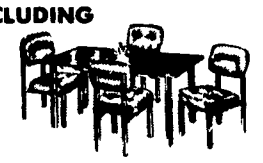

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John J. Rutt

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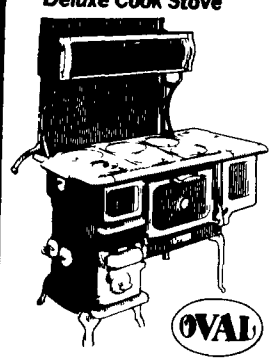

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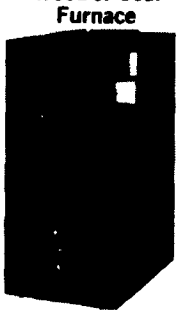

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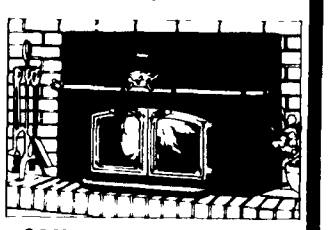

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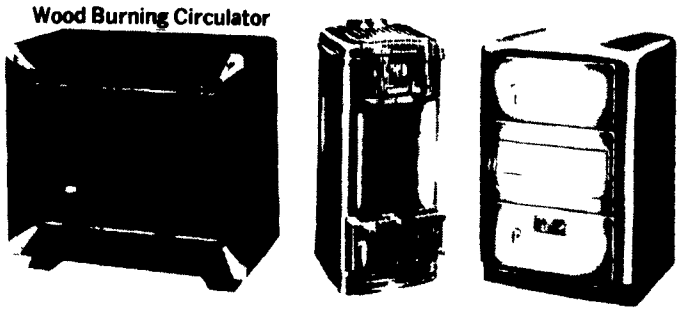

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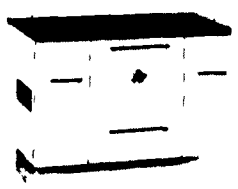

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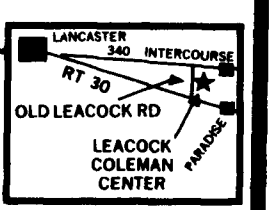

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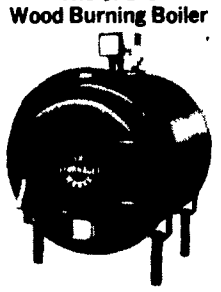

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

CHRISTMAS GIFTS YOU CAN CREATE

Let your imagination and not your wallet be your guide to giving the right gift to everyone on your gift list this year. Christmas gifts you make yourself reflect more than just your buying power. A handmade gift shows you spent "time and talent" for someone special.

For the men on your list, a handmade tie is an unusual and welcome gift. Choose the fabric according to the recipient's personality. A colorful Christmas vest, given in advance, is a festive gift for a special man, as well as a terry cloth robe, or even a silk smoking jacket - if you're especially talented and have the time.

Children love stuffed toys. Make them cute and cuddly for small children and a bit "kooky" for teenagers. They can be made from terry cloth, washable velvet, corduroy, gingham, washable acrylic pile or imitation fur fabrics. Stuff with washable filling and attach trimmings firmly so young children can't pull them off.

Popular gifts for the home include pillows, hooked rugs, tablecloths, placemats and matching napkins. Transform an ordinary terry cloth guest towel by stitching two rows of braid or multi-color tassel fringe along each edge. Create placemat and napkin sets the same way. Sew a ball fringe border around a ready-made placemat, with matching trim for the napkin corners, or buy suitable fabric and make them "from scratch." A word of caution: use washable, permanent press fabrics and trims. Don't wrap up laundry problems with your handmade gift.

Little girls would be delighted with handmade doll clothes to fit their favorite doll. Little boys might appreciate a vest made out of a suede-like fabric. Add fringe to create a Western look.

Women and girls appreciate scarves - done in varying lengths, shapes and fabrics suitable for different uses. A matching scarf and tie for a "togetherness" couple will be welcome and unique.

Last minute gifts can be unplanned but really inspired. For a little girl, how about a "dress-up box" filled with discarded hats, vests, dresses, purses, beads, scarves and other "finery."

If there is a future carpenter on your list, wood scraps in an assortment of sizes and shapes can fill a need. Include an adult size hammer and plenty of nails and a box for storage.

Materials for a budding artist can include paste, scissors, paper and paints.

An interesting gift for someone with a sweet tooth is a candy centerpiece or tree. Decorate a styrofoam cone with wrapped candy pinned on with decorative or ordinary straight pins. A few ribbons can make it more festive. A basket or bowl fitted with a styrofoam ball becomes a "sweet gift" with lollipops poked into the styrofoam and other wrapped candies attached by a variety of pins or toothpicks. Or use non-candy treats such as sugarless gum or small boxes of raisins to add variety.

Food can also become a welcome gift for that special person. Include rare cheeses, special chocolates, gourmet supplies or homemade goodies. Special diet foods can be a present for someone on a special diet.

Give gifts of time to people who need it. Give babysitting time to a young mother in the form of redeemable coupons, each worth one hour. This is better than a vague promise and gives you something to wrap for under the tree. The promise of short trips, such as grocery store shopping for an older neighbor or an at-home parent can be given too in the form of coupons or tokens.

Use your imagination and creativity this year as you prepare your gift list for family and friends.

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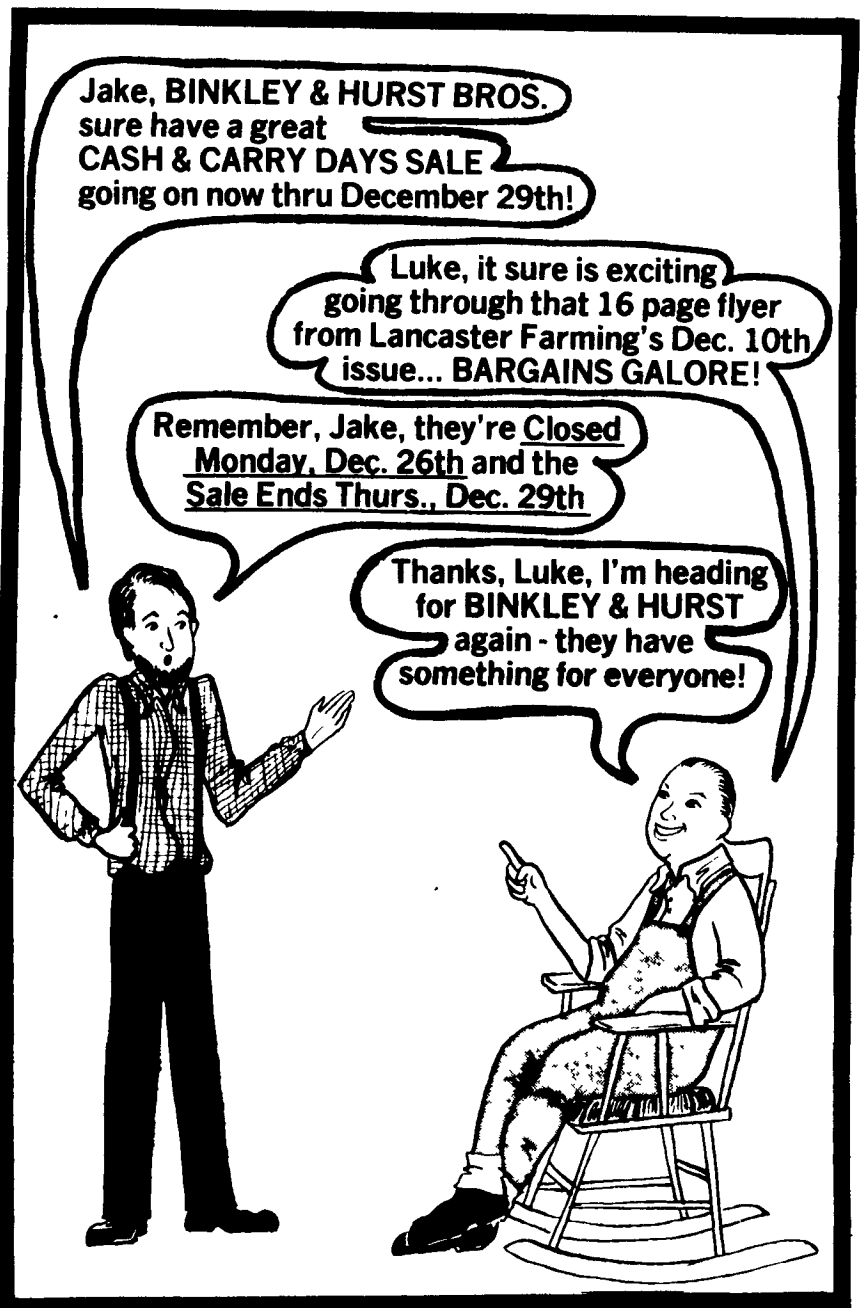
Jake, BINKLEY & HURST BROS. sure have a great CASH & CARRY DAYS SALE going on now thru December 29th!
Luke, it sure is exciting going through that 16 page flyer from Lancaster Farming's Dec. 10th issue... BARGAINS GALORE!
Remember, Jake, they're Closed Monday, Dec. 26th and the Sale Ends Thurs., Dec. 29th
Thanks, Luke, I'm heading for BINKLEY & HURST again - they have something for everyone!

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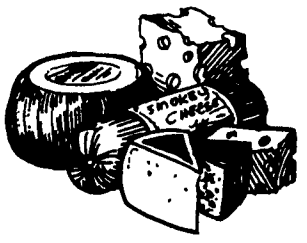
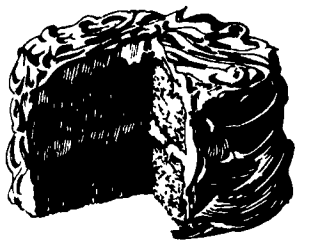


Home On The Range



Add a New Dessert to Your Holiday Table

Everyone has memories of their Grandmother's Christmas day table groaning under the weight of all the cakes, candies, pies and puddings, lovingly baked for the delight of all who dined there.

Judging by the notes attached to some of the following entries, these recipes have been family favorites of readers for many years. Try them and make some Christmas memories of your own.

This makes its own crust

IMPOSSIBLE PUMPKIN PIE

3/4 cup sugar
1/2 cup Bisquick baking mix
2 tablespoons margarine or butter
1 can (13 oz.) evaporated milk
2 eggs
1 can (16 oz.) pumpkin
2 1/2 teaspoons pumpkin pie spice
2 teaspoons vanilla

Heat oven to 350 degrees. Grease 9x1 1/4 or 10x1 1/2-inch pie plate. Beat all ingredients until smooth, one minute in blender on high or two minutes with hand beater. Pour into plate. Bake until knife inserted in center comes out clean, about 50 to 55 minutes. Garnish with whipped cream, if desired.

Mrs. David G. Musselman
Myerstown

WALNUT PIE

1 cup walnuts
1 cup brown sugar
1 cup molasses
2 eggs
1 1/2 cup water
1/4 teaspoon salt
1 unbaked pie crust

Boil mixed ingredients for five minutes. Pour into unbaked pie crust and bake at 400 degrees for 12 to 15 minutes, until a little brown.

Betty Biehl
Mertztown

SUNSHINE GOLDEN YELLOW CAKE

2 1/2 cups sifted cake flour
1 2/3 cup sugar
3 1/2 teaspoons baking powder
1 teaspoon salt
3/4 cup milk
2/3 cup shortening
3 eggs
1/2 cup milk
1 teaspoon vanilla

In mixing bowl, combine flour, sugar, baking powder and salt. Add the 3/4 cup milk and shortening. Beat at medium speed of mixer for two minutes. Add eggs, the 1/2 cup milk and vanilla. Beat two minutes more. Pour batter into 2 round 9-inch pans or a 9x13-inch pan. Bake at 350 degrees for 30 to 40 minutes.

Frosting

1/4 cup shortening
1/2 cup cocoa
1/4 teaspoon salt
1/3 cup milk
1 1/2 teaspoons vanilla
3 1/2 cups sifted confectioners sugar

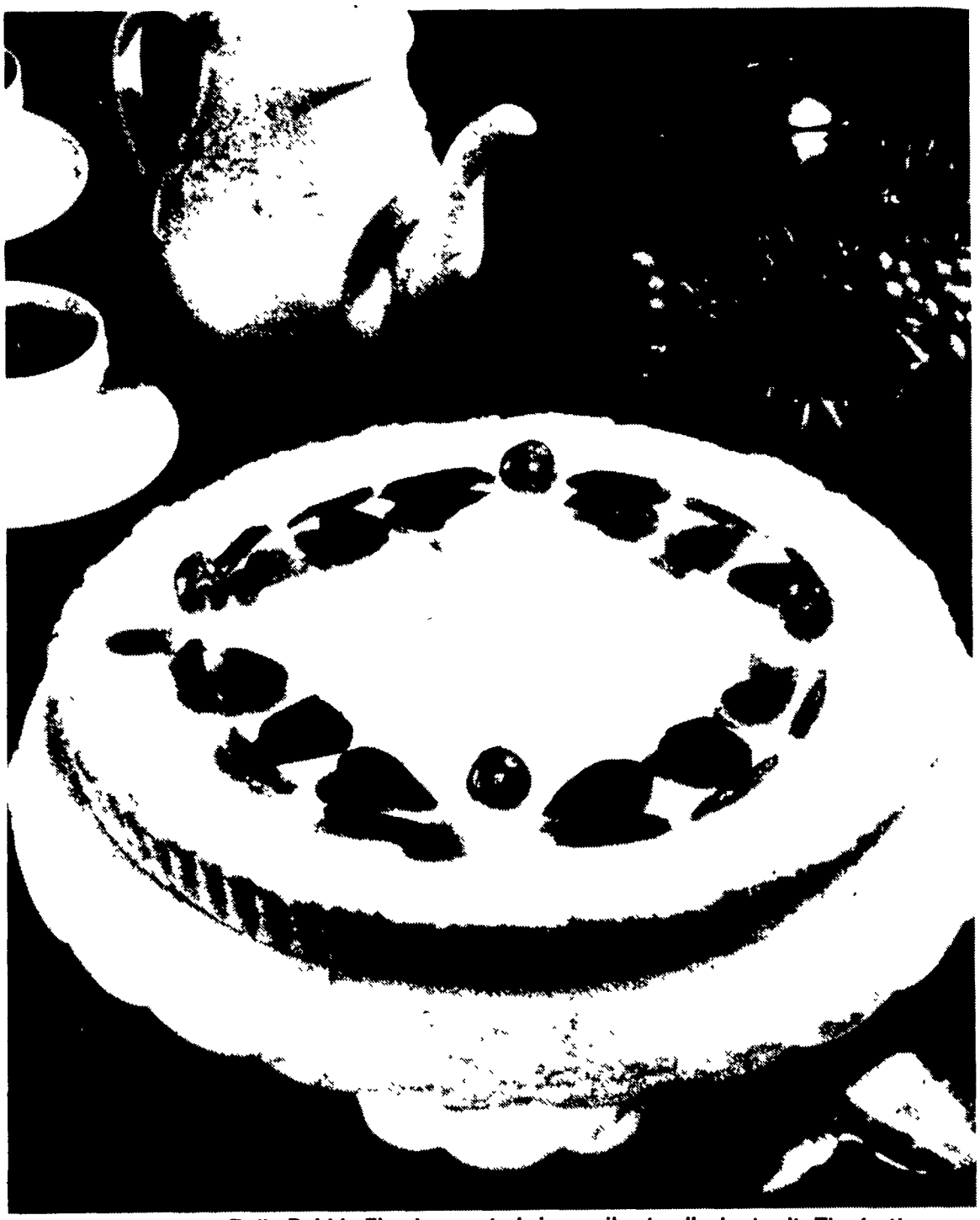
In saucepan, melt shortening. Remove from heat; stir in cocoa and salt. Mix in milk and vanilla. In mixer bowl, stir cocoa mixture into sugar. Beat at medium speed of mixer until smooth and creamy. Add one tablespoon more milk, if needed for spreading consistency. Frost cake.

Mary Carroll
Dameron, Md.

PUMPKIN ROLL

2/3 cup pumpkin
3/4 cup flour
1 cup sugar
3 eggs
1 teaspoon baking soda
1 teaspoon cinnamon

Beat together in large bowl



This Mincemeat Della Robbia Flan is sure to bring smiles to all who try it. The festive appearance of the dessert makes it a great addition to any holiday table.

Filling

8 oz. cream cheese
4 tablespoons butter
1 teaspoon vanilla
1 cup confectioners sugar

Beat all together.

Grease and flour a cookie sheet very heavily. Spread cake mixture over entire cookie sheet. Bake at 350 degrees for 10 to 15 minutes. After baking remove cake from cookie sheet and immediately flip it onto a towel. Roll it up (towel too) and place it in refrigerator for one hour. After the hour of refrigeration, unroll the cake and spread the filling evenly over the entire cake. Roll up in foil and refrigerate. Can be frozen.

Linda Miller
New Smithville

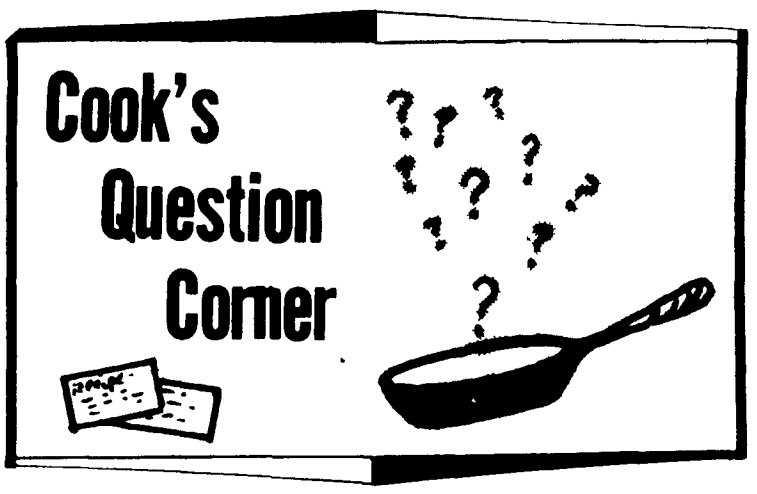
PINEAPPLE CHIFFON CUSTARD PIE

2 egg yolks (save the whites)
1 1/2 cups granulated sugar
1 cup crushed pineapple
1/4 cup cornstarch
juice of one lemon
1 cup coconut
2 cups water
1 tablespoon butter
1/2 teaspoon salt
1 baked pie crust

Cook all ingredients over medium heat, stirring constantly until mixture thickens and boils. Boil like cream custard. Pour into baked pie crust, put egg whites on top of crust.

Betty Biehl
Mertztown

(Turn to Page B8)



QUESTION - Would you or any of your readers have a recipe for drop-out cookies using sugar substitutes?

Mrs. Paul Willi
Bangor

QUESTION - Does anyone have a recipe for a whole wheat sugar cookie?

Carol Koser
Columbia R3

QUESTION - I would appreciate recipes for canned spicy chili sauce, chili con carne made with kidney beans and ground meat, and spicy canned pears.

Arnold J. Daly
Crownsville, Md.

Recipe Topics

December	
24	Holiday Thirst Quenchers
31	Calorie Counting Favorites
January	
7	Chinese Recipes from Mifflinburg FHA

Featured Recipe

This week's featured recipe is a special treat from Tina Strepko, a contestant in the gingerbread house contest at the Historic Strasburg Inn on Tuesday. Read about her on page B20 and if you are feeling creative, use her recipe to make a gingerbread house of your own.

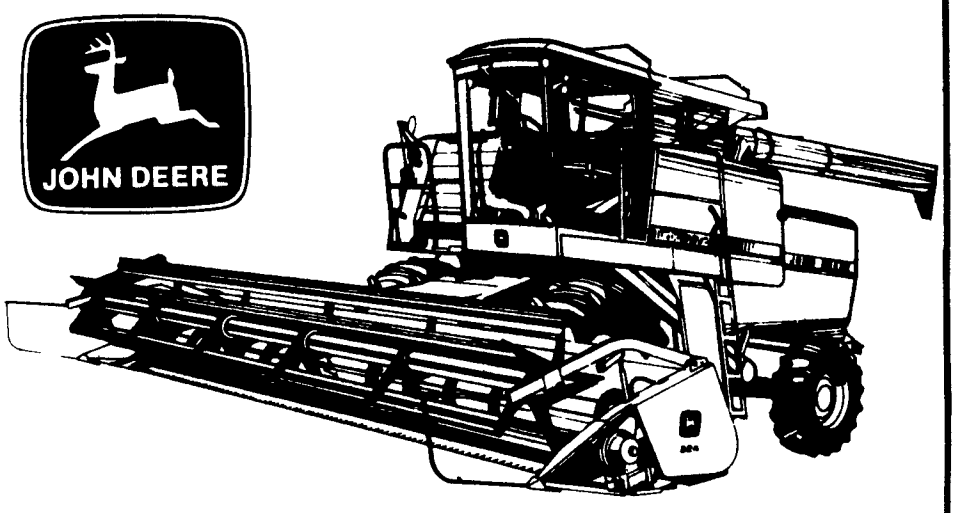
Gingerbread Dough

6 3/4 cups all-purpose flour
1 tablespoon ground cinnamon
1 1/2 teaspoons ground ginger
1/2 teaspoon salt
1 1/2 cups light corn syrup
1 1/4 cups packed light brown sugar
1 cup butter or margarine

In large bowl, stir together flour, cinnamon, ginger and salt. In 2-quart saucepan, stir corn syrup, brown sugar and butter or margarine until well blended; stirring constantly, cook over medium heat until butter is melted. Stir into flour mixture until well blended. Refrigerate dough until it is easy to handle. Bake at 350 degrees for 12 to 15 minutes.

LEHIGH AG EQUIPMENT

Wescosville, Pa.



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LANCASTER — Looking for something different and delicious for your holiday table? Why not try a duck, a dish featured at many a royal banquet table in the past. Roasted, broiled, fried or barbecued, duck is just as tempting and tasty today.

Traditionally, duck is roasted or broiled for holiday festivities. An orange-glazed roast duckling is a gourmet delight. But you may prefer to let the duck's skin brown to a tempting crispness while you devote your energies to a fruit, oyster, or nut stuffing.

When buying duck, be sure to allow at least one-half pound per serving. The type you'll find most often when you shop is a "broiler duckling" or a "fryer duckling." This is a young duck — usually under eight weeks old — noted for its tenderness. A "roaster duckling" is usually 16 weeks old or younger and still quite tender. In some areas ready-to-cook cut-up ducklings of both types are available in the market.

Ducks must pass a Federal inspection, whether they're domestic fowl or imported from Canada. So look for the USDA inspection seal to insure getting a wholesome bird, prepared under sanitary conditions. Most ducks on the market, regardless of where they're from, are sold frozen and ready-to-cook. Be sure to thaw it, like all poultry, in the refrigerator and not at room temperature. A duck weighing from three to five pounds will take from 24 to 36 hours to thaw fully. Prepare and cook it immediately after thawing.

READ LANCASTER FARMING FOR COMPLETE AND UP-TO-DATE MARKET REPORTS

Holiday Table

(Continued from Page B6)

MINCEMEAT DELLA ROBBIA FLAN

Pastry:
1 cup all-purpose flour
3 tablespoons sugar
5 tablespoons cold butter
4 tablespoons lemon juice
Filling:
1 cup prepared mincemeat
1/4 cup chopped pecans
1 8 oz. package cream cheese
1/3 cup granulated sugar
3 eggs
1/3 cup dairy sour cream
1 teaspoon vanilla extract
1/2 teaspoon brandy extract
2/3 cup dairy sour cream
1 tablespoon confectioners sugar
candied fruit

Preheat oven to 350 degrees. For pastry, combine flour and sugar in a large mixing bowl. Cut in butter until mixture resembles coarse crumbs. Sprinkle lemon juice over flour mixture, one tablespoon at a time, mixing lightly with fork after each addition. Gather up dough with fingers; shape into a ball. Roll into a circle that is 12 inches in diameter on a well floured board.

Fit into a 10-inch flan pan. Prick with a fork; bake 10 to 12 minutes or until lightly browned. Cool. For filling, combine mincemeat and pecans. Spread evenly over the bottom of cooled crust. Beat cream cheese in a small mixing bowl at a low speed until light and fluffy. Add 1/3 cup granulated sugar and continue beating until mixture is smooth. Add eggs, one at a time, beating well after each addition. Add 1/3 cup sour cream, vanilla and brandy extracts; beat until smooth. Place flan pan on oven rack; pour cream cheese mixture into pan. Bake in 350-degree oven for 30 to 35 minutes or until a knife inserted near center comes out clean. Mix 2/3 cup sour cream and one tablespoon confectioners sugar; spread over baked filling. Cool. Decorate with candied fruit in the shape of a wreath. Chill 2 to 3 hours before serving.

"Gingerbread Ideas" Book includes recipes, patterns, step by step directions for gingerbread houses, cookies, centerpieces, gifts, cookie houses and children's parties. Mail orders $6.50.
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Patti Hudson, the Gingerbread Lady, will be at the Smithsonian Institute December '83 and February '84.

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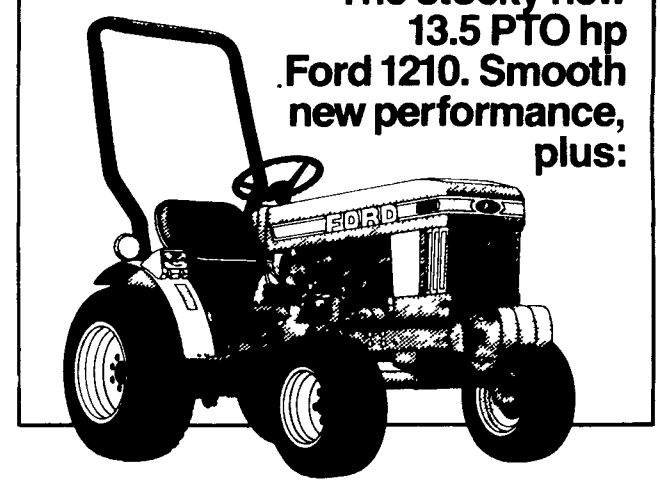

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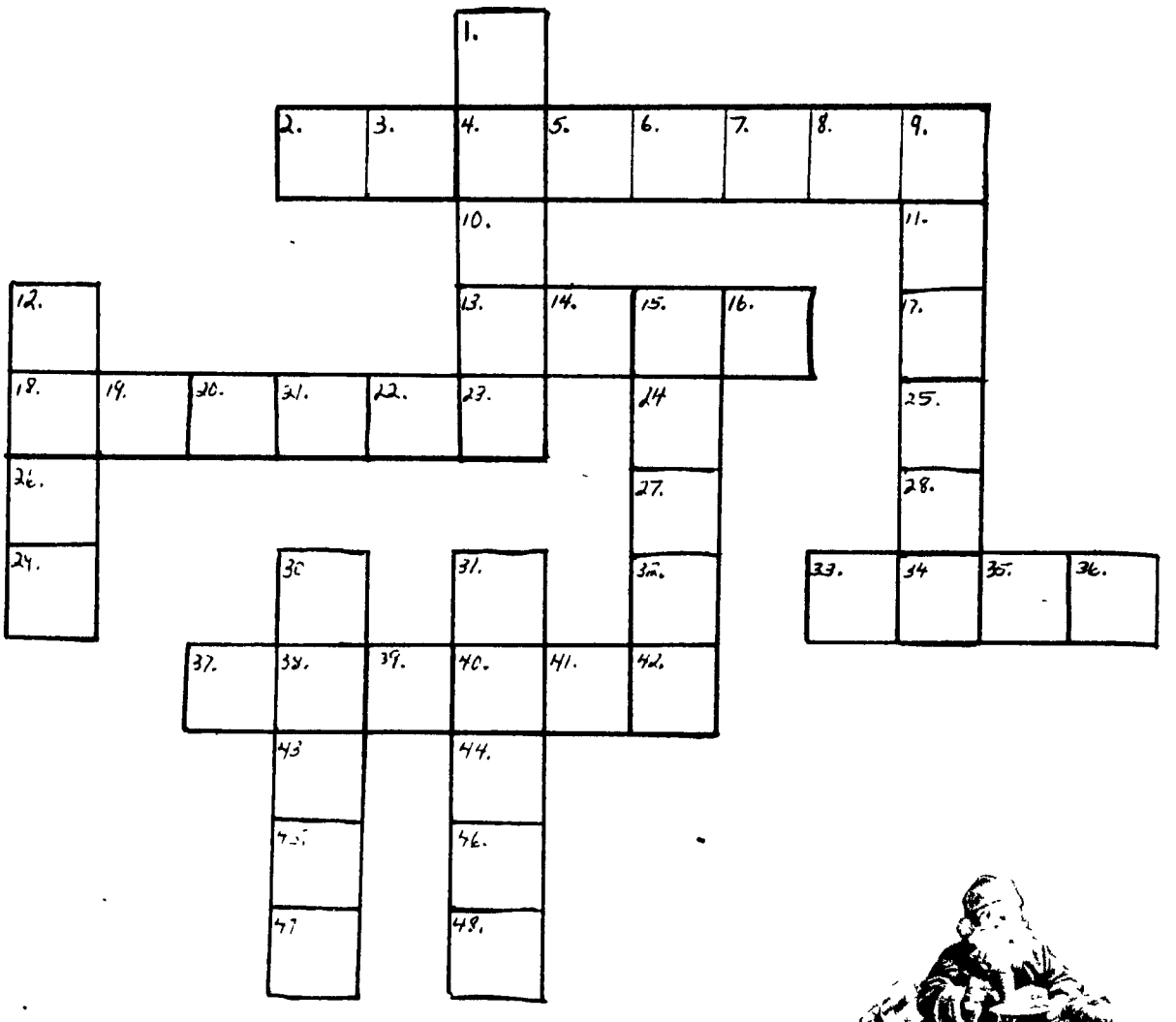
It almost happened in 1939 when Robert L. May, a poetry-writing copywriter for Montgomery Ward was asked to develop some ideas for a Christmas booklet to be handed out to children visiting the company's retail stores.

May's first idea about a reindeer with a shiny nose received a cool reception. But he believed in the character that was taking shape in his mind. When he and an artist-friend came up with some whimsical illustrations of a lovable reindeer with a bright red nose, May's proposal won immediate approval.

Next came the name. Rollo and Reginald were among the three names considered, but neither had

(Turn to Page B11)

Christmas Features



Across

2. They pull the sleigh for Santa

13. You decorate this with balls and tinsel

18. They watched over the Baby Jesus

33. This makes for a white Christmas

37. You sing these at Christmas

Down

1. What Santa Claus leaves under the tree

9. You tie this on the end of a tree branch or around a gift

12. What people do in the kitchen around Christmas

15. They help Santa Claus make toys

30. He wears a red suit and has a white beard

31. "Deck the halls with boughs of _ _ _ _ _"

See answer on page B21

COLOR THIS!

1.	BLACK	6.	PEACH
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

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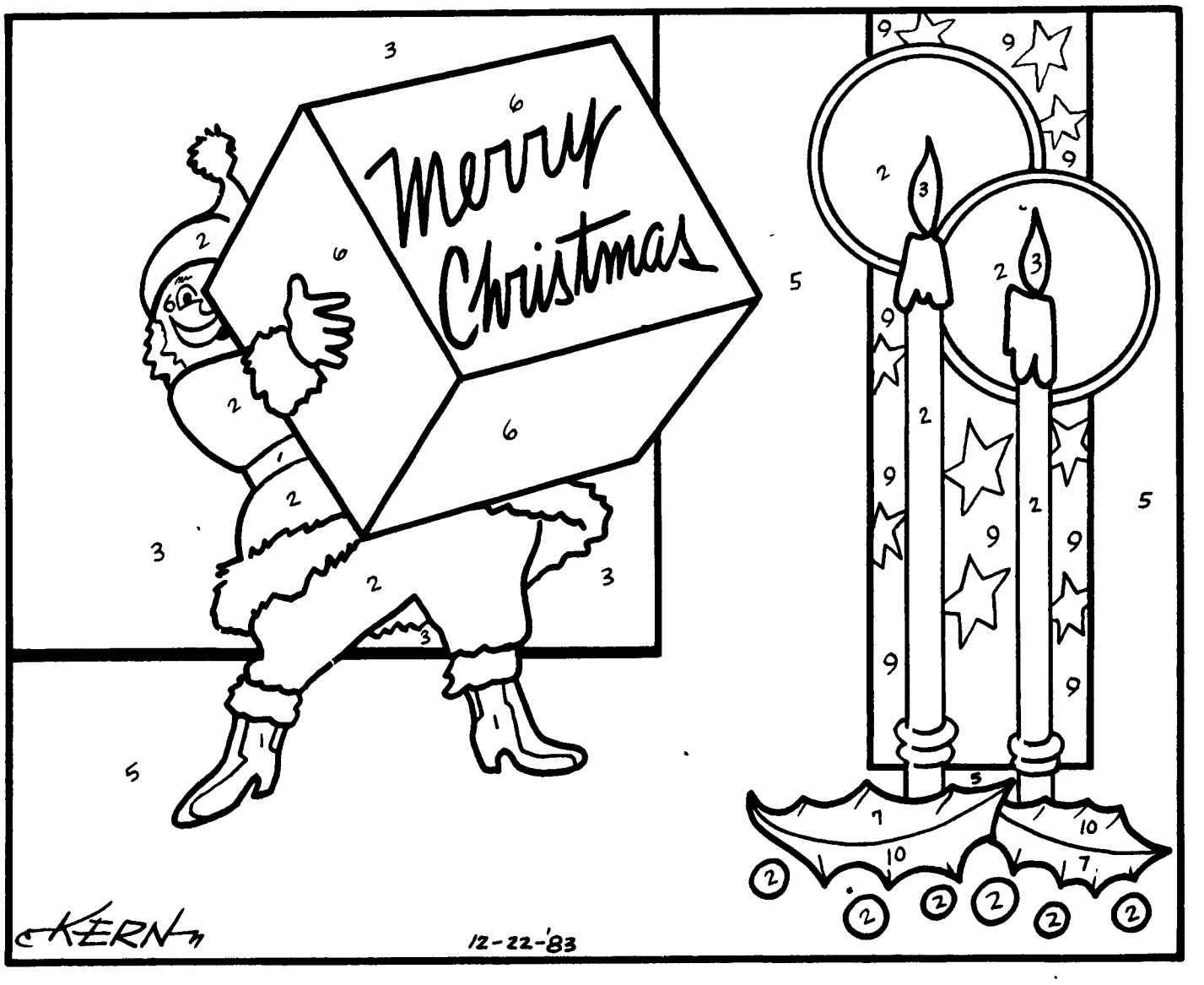

Farm Women Societies

Lancaster Society 8

Lancaster Society 8 held their Christmas party recently at Hostetter's. John Maurer, minister of the Camp Hill Baptist Church, presented the "Life of Christ" audiovisually.

The next meeting will be Jan. 21 at the home of Arline Witman. Members will bring items to sell on auction.

Rudolph

(Continued from Page B10)

the right ring for May, and Rudolph was born. The story took shape with May's four-year-old daughter, Barbara, serving as his toughest critic.

That Christmas, 2.4 million copies of the now internationally famous story were presented to children all over the country. Rudolph reappeared in 1946 in a similar holiday promotion that required 3.6 million copies of the booklet.

The following year, Montgomery Ward gave the copyright for Rudolph to May. Two years later, Rudolph's longevity was assured when Johnny Marks wrote his famous "Rudolph, the Red-Nosed Reindeer" song. Gene Autry's recording rocketed to the top of the hit parade in 1949 — Rudolph's 10th birthday. It was Autry's biggest selling record.

May later recalled, "When Rudolph became so popular, I felt like a father whose son had become president. I had created something bigger and more important than I could ever hope to be."

Rudolph went on to become a TV star in 1964 and reruns have delighted children of all ages almost every year since.

May's great affection for his life-like creation continued until 1976, when he died at the age of 71. Rudolph was 37.

That Christmas, Rudolph's nose didn't glow hardly at all, and it's said that Santa had to make his rounds without him because he was so sad. But he'll continue to make his usual rounds with Santa this Christmas Eve, foggy or not.

Lancaster Society 23

Lancaster Society 23 met for a Christmas party at the Water Street Rescue Mission.

The business meeting was held at the home of Jean Funk, Washington Boro R1. A gift of $200 was given to a sick neighbor. Eileen Thomas, retiring president, handed the gavel over to Mim Miller, the new president.

Lancaster Society 24

Lancaster Society 24 met recently at the home of Arlene Wise, Hinkletown, and installed Lydianne Bentzel as a new member.

The program was a demonstration on making graham cracker houses by Dottie Papez. The next meeting will be Jan. 31 at the home of Dorothy Witmer, New Holland. The meetings will be held the last Tuesday of each month at 7:30 p.m.

Lancaster Society 27

Lancaster Society 27 met at the home of Mrs. Wilmer Nissley, Mount Joy, for an evening of Christmas sharing.

A covered dish supper and carol singing was enjoyed by all. Mrs. Albert Fry was nominated to represent the group in the Mount Joy Jaycettes "Woman of the Year" contest.

The January 17 meeting will be at the home of Mrs. John Wolgemuth. It will feature craft workshops.

Berks Society 9

Berks Society 9 met recently at the Oley Fire Company for a Christmas party. Members and their husbands enjoyed a family-style meal.

The January meeting will take place at the home of Joan Hafer, Douglassville R2. The program will be candlewicking.

Fulton Grange 66

The Fulton Grange 66 met Dec. 12 for their Christmas party at their hall in Oakryn.

A Christmas worship service, entitled, "A Birthday Cake for Jesus," was presented. Christmas carols were sung, and Santa Claus made an appearance.

The group will go carolling tonight, leaving from the J. Everett Kreider home. There will not be a Grange meeting Dec. 26. Hobby night will be observed Jan. 9. Members are asked to bring their hobbies and collections for display.

The dinner theater has been rescheduled to Feb. 4.

FWS Calendar

Saturday, Dec. 17

Lancaster Society 3 meets for a program by Rufus Brubaker.

Lancaster Society 5 meets for a Merry Christmas program.

Lancaster Society 18 meets to entertain husbands at the Hempfield Church of the Brethren. The program will be Ray and Jay Landis with "A Farm Women Review."

Monday, Dec. 19

Lancaster Society 31 meets with the social committee in charge.

Lancaster Society 30 meets for a Christmas brunch.

Lancaster Society 32 meets at the home of Kim Myer.

4-H Party

The Bradford 4-H County Council Christmas party will take place at 8 p.m. Dec. 27 at the home of Kelly Smith.

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Karen Evans Brubaker is responsible for making the candy sold at the store. She remembers when candy making was just a family project, long before it became a family business.

BACK HOME

By Michelle S. Rodgers

Lancaster Extension

Home Economist

Christmas — a festival of the family. It is a time of year when being together and doing things together seems especially important... and it is! We enjoy many family activities such as decorating the tree as a family, family cookie baking, the exchanging of names, family secrets, family meals and family caroling.

For some people there is also another family activity. This might be the time of year for making the annual trek and maybe somewhat difficult visit to a family member who is shut-in or in a nursing home. Whether you are a regular visitor to an elderly family member or friend, or, if you only visit occassionally, it sometimes seems difficult to bring the joy of the season to those shut-in. But, the real joy of the season is sharing it with others; which includes your aging aunt or elderly grandmother.

I remember well my awkward visits to the nursing home to see my great-grandmother; "Gramdma-ma" we affectionately called her. She had lived on the family farm and was taken care of by my grandparents until she was 96-years-old, when my grandparents health no longer enabled them to care for her. I wish I would have realized at that time how much family visits count and how I could have brought her the joy of the season.

If you can, spend your holidays with an aging family member. Share with them the joy in your home. If your loved ones are unable to be with you, think of this "five sense" approach to make this holiday season brighter for everyone.

Stimulate the sense of sight with bright colors and bold forms: the latest family snapshot, a large calendar of the new year, Christmas decorations and momentoes of Christmas past.

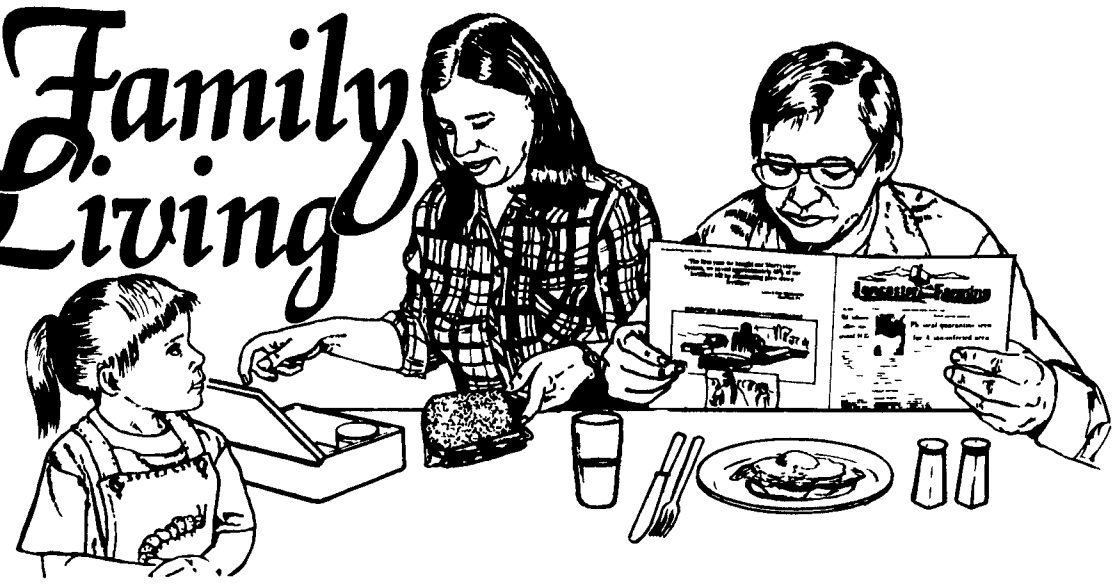
There is so much to hear that is special to the holidays: sing favorite Christmas carols, read the Christmas story, a favorite poem, or the kids' letters to Santa. Tape record a great-grandchild's first words or messages from distant relatives. Another way to say "you're special" is to listen and to recall memories of holidays gone by.

The touch of the hand is so important. Sometimes when I visited my great-grandmother, I wondered if she even realized that I was there. It was difficult to see her in that condition and remember the days I had sat on her lap while she Little Black Sambo. I wish I would have realized that as she grew older, there was still the need to show affection through touching: the holding of hands, hugging, a back rub or a kiss, or combing her white hair.

Stimulate taste with special foods or beverages that do not violate the prescribed diet. And bring in the holiday aroma of scented candles, greens and fresh baked goods.

These sensory experiences are always the most significant when shared with family and friends. Enliven your holiday visit and reinforce your relationship with a loved one during this year's celebration of the family — Christmas.

Family Living



Family Projects Turns to Sweet Business

BY KIMBERLY HERR

LANCASTER — It started as a family project - something fun for the children to do. It became a family business.

"Dad was always figuring out projects for us children," Karen Evans Brubaker explained. "This one just kept going and going."

The project was candy making. Jay Evans, Karen's father, heard of a candy company that was going out of business. He bought a melter and some molds, thinking, according to Karen, that it would be "a project for the family to do together."

That was in 1976. The following year, the Evans' began making candy for a few relatives and friends, and then as Karen said, it just "kept going and going." Until Dec. 8, they were selling the candy from their Willow Street home, but as of the above date, their candy can be purchased at the Evans Candy Store, 2100 Willow Street Pike.

The candy store is part of the Evans Country Mill, which also features The Mill Restaurant which will be opening soon, according to Karen.

Karen's father was not a complete stranger to candy making when he bought the first melter for the children. According to Karen, he had made and sold peanut butter eggs at Easter when he was in college to help pay tuition.

"And this became a way for us to earn money to go through college," Karen said. Although Karen attended nursing school for two

(Turn to Page B14)

Lisa Shenk, a friend of the Evans family, helps with packaging the candy.

Involve Children in the Farm Operation

NEWARK, Del. — Many farmers dream of turning over the family farm to their children when they retire. To reach this goal they work hard and sometimes go out on a financial limb. But no amount of devoted effort can guarantee that your sons and daughters will want to become your business partners. Involving them in the farm operation takes patience, flexibility, and conscious effort as keeping open lines of communication, according to dairy producer Bill Vanderwende of Dutch Ayr Farm in Bridgeville, Del.

"When I got into farming I was milking eight cows - four that I owned and four I rented," Vanderwende says. Today he and his three sons, Doug, Danny and Jimmy, and daughters-in-law, Debbie and Becky, milk 250 cows, grow their own grain and soybeans, and have several side enterprises, including broilers and hogs.

At the recent Southeastern Holstein Seminar in Newark, Del., hosted by the University of Delaware and the Delaware Holstein Association, Vanderwende presented some of his thoughts on bringing children in the business and told how Dutch Ayr Farm has grown to accommodate his family.

"There never was a question about bringing my four youngsters into agriculture," he said. (His daughter Carla majored in agricultural economics at the University of Delaware and is a loan officer with the Farm Credit Association in Salisbury, Md.) "From the time they could get to

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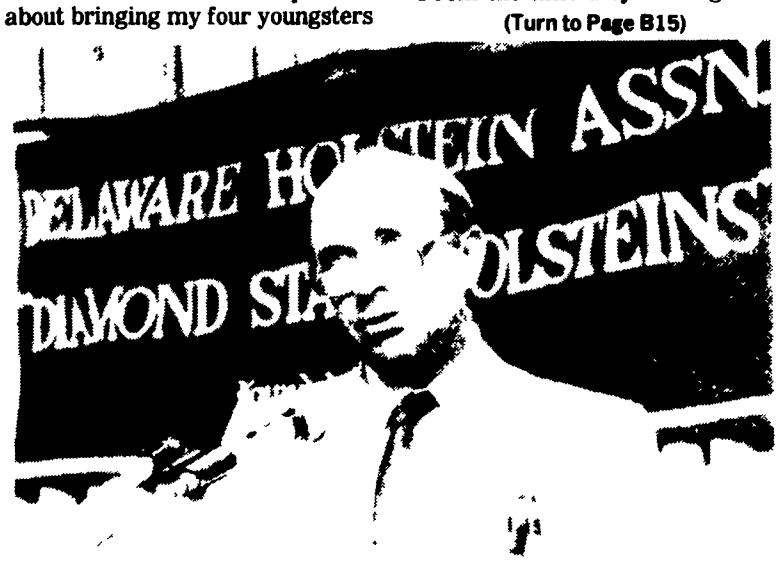

Delaware farmer Bill Vanderwende tells how he brought his children into the family dairy business, during recent Southeastern Holstein Seminar in Newark, Dec.

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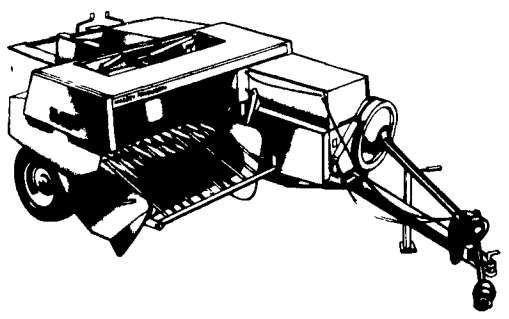

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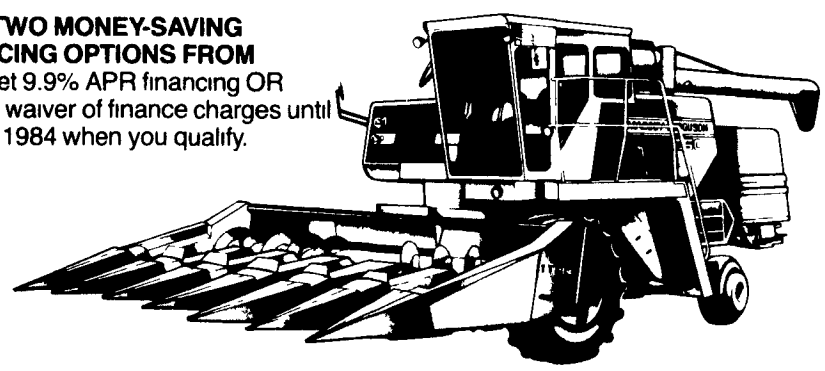

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This gift box is a Christmas favorite, as are the chocolate trees, wreaths, snowmen, candy canes and reindeer, found at the Evans Candy Store.

Shelves of delicious chocolate candy, as well as some imported treats, line the walls of the Evans Candy Store, located on Willow Street Pike, Lancaster.

Sweet Business

(Continued from Page B12)

years, she decided her heart was in the family business. She is now employed fulltime as a candy maker.

Karen's brothers, Tim and Tom, helped construct the new restaurant, and they will be the chefs when it is open.

"And they help out in candy, if we holler extra hard," Karen laughed.

Karen's other brothers, Duane and Steve, are still in school, but they also help with the candy when school is over for the day.

Karen's father "oversees everything," according to Karen, and her mother is mainly responsible for selling the candy in the store.

The Lancaster County business has also expanded into the extended family as Tim's fiancee, Tammy Zorbaugh, will be the hostess in the new restaurant. And grandparents and aunts "stop in and help," Karen said.

Everyone has their specific duties, but, according to Karen, "Any of us can jump from one to another of the jobs."

While the extra help is always appreciated, it is especially needed during busy seasons such as Christmas and Easter. Karen explained that they usually sell between two and three tons of chocolate at Easter and estimated that about half a ton is sold at Christmas.

According to Karen, the hollow chocolates are big hits at Easter, while during Christmas customers are more interested in chocolate-covered creams and pretzels.

"All the chocolate items are made here," Karen explained, adding that some specialty items are imported.

Do they have a secret recipe for their candy?

"As far as the chocolate goes, it is pure chocolate and that's the secret," Karen said with a smile. "Pure chocolate is what tastes best."

She explained that there is nothing added to the chocolate which makes for some extra work and care. The chocolate must be heated to 110 degrees (for milk chocolate). It is then cooled to 89 degrees and "seeded," which means that chocolate shavings from the original bar are added. Those chocolate shavings, according to Karen, have never been melted. After seeding, the chocolate is cooled to 86 degrees. It is then ready for sale.

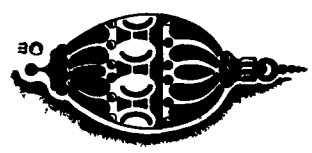
While it sounds like a lot of work, Karen had a positive answer to the question of what the benefits are of working in a family business. "Tons of them," was her response.

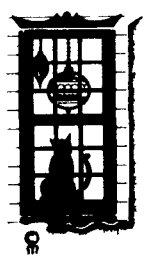
"Our family was always close and it keeps it close," Karen said. "That's special. Also Dad taught us business right in the home."

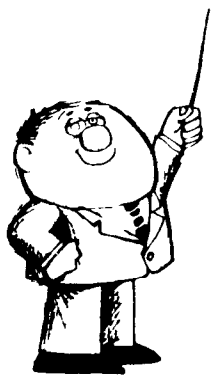
Are there drawbacks?

"We have conflicts when we're making decisions, but there's always one made in the end," Karen said.

The hours for the candy store are from 10 a.m. to 6 p.m. Tuesday through Saturday. They are closed Sunday and Monday.







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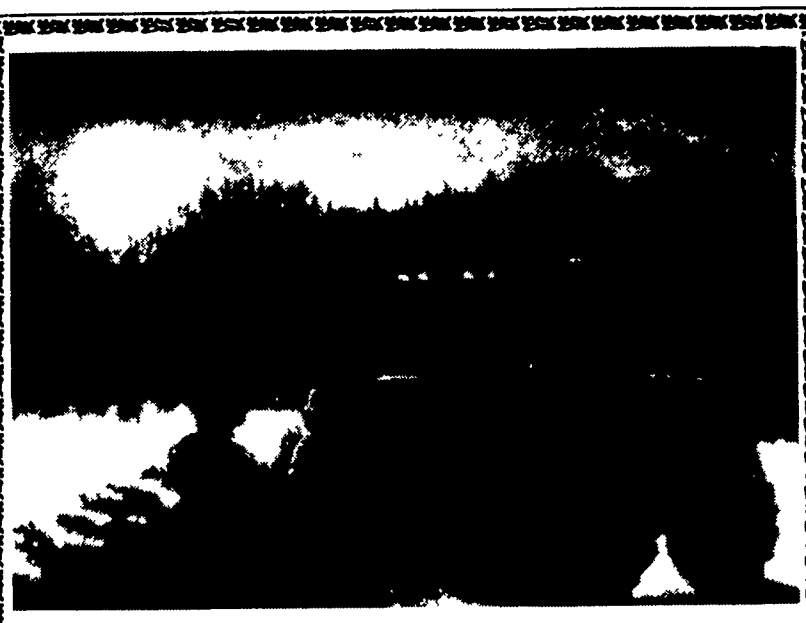

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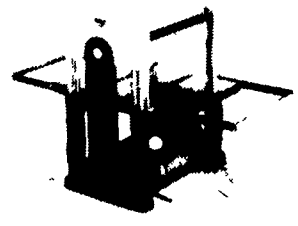

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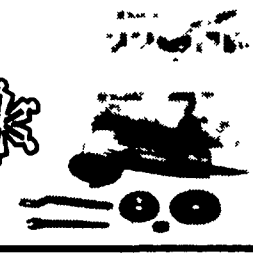

Cedar Crest FFA Wins Awards

LEBANON — Harold Burkheiser, Cedar Crest FFA advisor, proclaimed that the major project of the Cedar Crest FFA that earned a Second Place Silver Emblem BOAC award was helping to recover Stoever's Dam. The chapter prepared the seedbed, and planted 12 acres of grass, which was then covered with straw to prevent erosion. The chapter also constructed wood and concrete park benches, and made concrete parking curbs for Stoever's.

The Cedar Crest Chapter also plowed and worked 2½ acres of land to be used as rented community garden plots. They helped the county soil conservation service to distribute several thousand trees at Coleman Park and planted shrubs at the high school administration building.

The chapter also helped a local man with cleanup after his barn burned and helped him to reseed the scorched area. The chapter also conducted a farm tour for preschool children of Lebanon County.

To obtain the third place, Silver Emblem National FFA Chapter Award, the Cedar Crest students helped to conduct the National Supervised Occupational Experience Program Tour, in which people in agriculture related businesses from across the nation toured Cedar Crest members' FFA projects.

The FFA'ers also attended Leadership Training Conferences in Washington D.C., and attended the National FFA Convention in Kansas City. They conducted a citrus sale, sports tournaments, made a window exhibit for the local fairs, and constructed a Halloween float. FFA officers were trained in parlimentary procedures, and an honor roll was created for those attending high marks in high school work.

Cedar Crest FFA Attends Initiation

LEBANON — The Lebanon County FFA held its greenhand and chapter farmer initiations recently at the Cedar Crest Middle School. The evening began with the FFA opening ceremonies. The highlight of the evening was the creed contest.

Contestants recited the FFA creed written by E.M. Tiffany. They were scored on correct memorization and voice control. Lorinda Zuck from Cedar Crest placed 1st.

Judges for the contest included William Frazier, Cedar Crest H.S. English teacher, and Lynwood Heagy and Dale Maulfair from the Lebanon County Farmers Association. The Farmers Association will provide money prizes for the participants.

After the Creed Contest the Northern Lebanon Chapter conferred the Greenhand Degrees and the Lebanon County FFA officers conferred the Chapter Farmer Degrees. Refreshments were served to conclude the evenings activities.

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Farm Operation

(Continued from Page B12)

the barn they were interested. When they got into school they were all active in 4-H, FFA, shows, and heifer projects. And when they went away to college they came home on weekends to tend animals.

"The problem was trying to find a way to increase cash flow so I could bring them into the business with me."

Danny and Doug finished their educations and returned to the farm at about the same time. Within a year, Jimmy completed high school and was ready to work full-time too. "We expanded our cow herd then, by renting or buying animals, and began to get into other enterprises. So we don't have all our eggs in one basket."

How would Vanderwende advise other parents who want their children to go into farming with them]

-Give the children responsibilities at an early age.

-Let them do their own thing. (Doug, for example, isn't dairy oriented. He'll help out with the cows but his specialty is crops and machinery, so that's what he concentrates on.)

-Let them become financially responsible in some area. "They may make mistakes, but so did I when I was their age," Vanderwende says.

-As a parent you must be willing to give in, to adopt new methods.

-Keep lines of communication open. "This is one of the most important things, whether you're dealing with family members or hired help," Vanderwende says. "If you don't, the situation will backfire."

-Don't keep saying, "This is the way we used to do it."

-Don't paint a rosy picture just because you want them to get into the business.

In other words, it's possible to involve one's children in the farm business, Vanderwende says, but the arrangement can't be taken for granted and requires tact, patience and trust.

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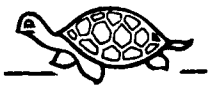

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The 'Gingerbread Lady' Travels to Washington, D.C.

BY SALLY BAIR
Staff Correspondent

LANCASTER — The Smithsonian Institution in Washington, D.C. is known far and wide as the repository of America's treasurers.

Last weekend visitors there were treated to a Lancaster County treasure: genuine gingerbread houses created by Lancaster's Gingerbread Lady, Patti Hudson.

Through a chance encounter at an interdenominational retreat, with the person who schedules adult courses at the Smithsonian, Patti was invited to demonstrate making gingerbread houses and to give a workship on making cookie cottages, the smaller version made from graham crackers. Patti says, "It was one of those miraculous things that you can't explain. I didn't even know they taught classes like this at the Smithsonian."

Forty people signed up for the lecture demonstration where Patti showed each step involved in baking, assembling and decorating the houses. To inspire workshop participants Patti carried with her about a dozen large houses, including churches, barns, swiss chalet-type houses and others. But it was a newly created covered bridge that captured everyone's attention.

The covered bridge was something Patti had been intending to make for years for a dear 4-H friend of hers in the Washington area, and the invitation to the Smithsonian provided the impetus to actually carry out her plans. Patti says the bridge was the most challenging things she has created, primarily because of "the logistics of having water running under the bridge."

The challenge was met and the effect is stunning. The simple bridge has windows so that the horses and carriage are clearly visible from outside. The bridge is supported with gingerbread pieces covered with stone-like candy wafers. The "water" is blue and there are ducks "swimming" nearby. It is a wonderful re-creation of a part of Lancaster's heritage, and received more attention than any of her other houses.

Patti also took along about 15 cookie cottages, each decorated in a different fashion. It was these that workshop participants made, but in making them, Patti also demonstrated the techniques necessary to make the larger houses.

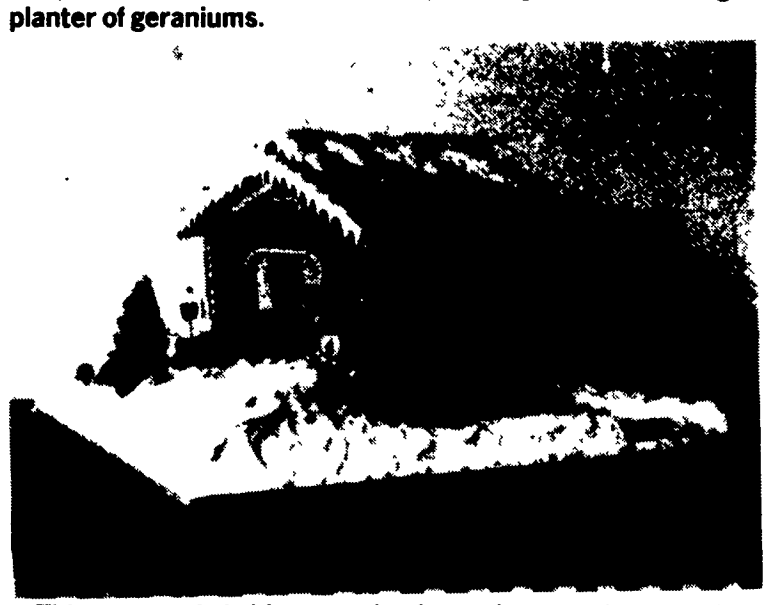
Her biggest thrill, Patti says, was having the staff of the Smithsonian show such an interest in her work. "Here they are dealing every day with treasures and they were oohing and aahing over my gingerbread houses." She said their interest has made her put more value on the work she does.

About 15 years ago, Patti began making houses with her children, John, now 28, and Linda, 26. But what started as a family project eventually grew into a business, and about seven years ago, Patti began concentrating on the houses and offered them for sale. Working night and day she could barely keep up with the number of orders that came in. That hard work, however, is what she credits with "perfecting my skills."

In the last four years, she has concentrated on sharing her knowledge through workshops and demonstrations and finds her calendar filled with requests from as far away as New Jersey. She has offered workshops locally through the Penn State Extension Service.

Patti remarks that she finds it ironic that she began a career as a home economics teacher and has now come full circle to teaching again, something she thought she didn't care for.

This spring-summer house proved to be the highlight of Patti's year. The house was made for a 99-year-old woman who helped create the house with her daughter and granddaughter. The house features a vegetable garden and a large planter of geraniums.



This covered bridge received much attention at the Smithsonian Institution over the weekend. It was displayed as part of a lecture-demonstration given by Lancaster County's Patti Hudson who showed how to make a gingerbread house. The bridge features a carriage and horses going through the bridge, along with "running water" and ducks swimming nearby.

Patti Hudson, known locally as the "Gingerbread Lady," shows some of the cookie cottages and the covered bridge she took with her when she demonstrated at the Smithsonian Institute last weekend. She also conducted a workshop on how to make the small cottages, created from graham crackers.

Patti says that offering the workshops have challenged her and that some of her best ideas come from workshop participants. Patti adds, "I don't understand the dynamics of it, but my daughter calls it 'gingerbread therapy.' After people put together a house they are laughing and working together and go away with a good feeling."

She says the highest compliment she ever received was when she was introduced locally as a "gingerbread missionary." When she questioned her introducer, the woman told Patti that she called

(Turn to Page B22)

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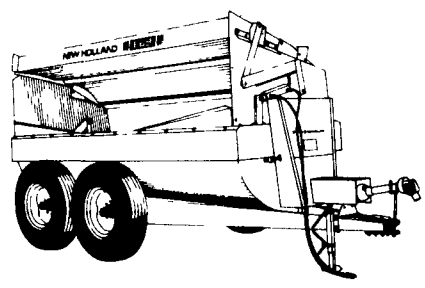

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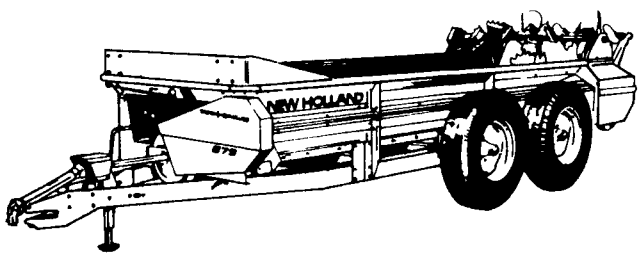

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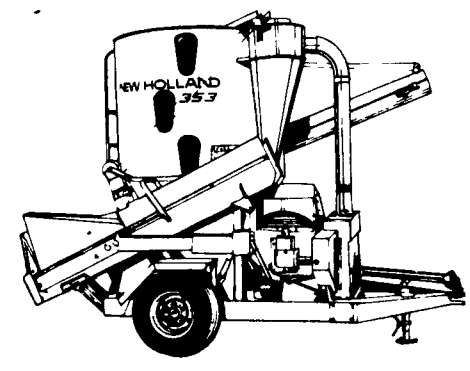

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Legends Remembered in Christmas Wreaths

BY KIMBERLY HERR

MEDIA — As legend has it, there was a robin silently keeping watch in the stable when the Baby Jesus was born. The robin noticed that the Child was cold, so it flew to the fire to fan the flames and warm Baby Jesus. But the small bird got too close to the fire and burned his breast, causing it to become red in color. And since that time, the robin has had a flame-red coloring.

Symbolizing this legend and many others are more than 50 wreaths on display at Linvilla Orchards, Media, Delaware County.

"I love them. I absolutely love them," Peg Linvill said, of the wreaths.

And it shows as she explains the legends behind some of the other wreaths.

One section of a wall is covered with wreaths symbolizing past and present Christmas gift bringers. One wreath depicting the three wise men, the original gift bearers, boasts real frankincense and murr. Another wreath illustrates the lovable little Tomten or Nisse that is said to bring gifts in Scandinavia.

"It took three weeks of good solid research, which we did in April," Peg said. "We came up with the legends first and then made the wreaths to match the legends. We started making the wreaths at the end of October."

This is the second year that the Christmas legend wreaths have been on display. But for those interested in doing more than just observing, Linvilla Orchards, located on Knowlton Road, offers wreath-making classes, which run from the end of September to the end of December.

Although the wreath-making season is limited, the business season at the Linvilla Orchards is not. In addition to the wreaths, which are done through the efforts of the Weed Shop, which is run by Peg and contains a wide variety of dried flowers and arrangements, there is also a large direct market and a Christmas shop, run by Karen Knudsen, on the premises.

These women were are involved in constructing their rose-spice wreaths, offered at the Weed Shop.

Peg Linville is responsible for the Weed Shop, which offers wreath-making classes, dried flowers and other decorating tools, such as these ribbons.

These carollers welcome visitors into the market area of Linvilla Orchards, Media, Delaware County.

Peg and Paul Linvill, along with Paul's brother, Larry, and Larry's son, Kenny, are responsible for running the businesses.

Since it has always been a family business, Peg was able to give a rundown on the history of the farm and the business.

The barn, where the market, Weed Shop and Christmas Shop are located, was built in 1898. It is an octagonal barn and was designed so that the cold air comes in at the bottom and exits at the top. This was done in hopes of preventing barn fires, which often resulted when the hay stored in barns got too hot.

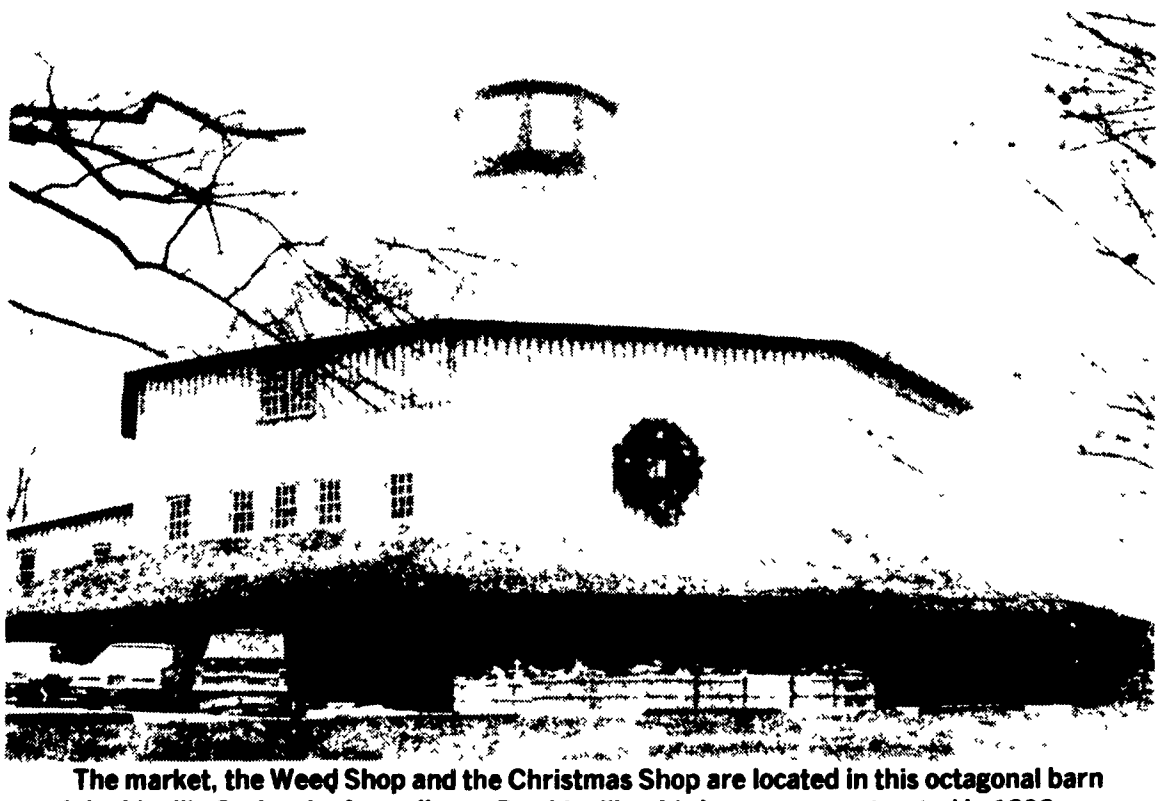
Peg explained that after the Civil War, the Linvill land was made into a dairy farm.

"They were trying to make the farms into factories," Peg said, explaining that the barn was built in an octagonal shape because it was believed that shape would hold the most cattle.

They had about 40 cows and 20 horses. According to Peg, her husband grew up on the farm.

"Dad (her father-in-law) didn't like the responsibility of having to

(Turn to Page B19)



The market, the Weed Shop and the Christmas Shop are located in this octagonal barn of the Linvilla Orchards. According to Peg Linville, this barn was constructed in 1898.

This giant rag doll is on display outside the market of Linvilla Orchards. Constructed by Peg Linvill, the doll stands about 38-feet high and is made of old sheets.

Peg Linville stands by a wheel in front of some of the wreaths which depict Christmas legends. "Yule translates as wheel," Peg explained. According to legend, Scandinavian people pictured the sun turning like a wheel, and many of their legends revolve around the sun. Peg is holding a St. Lucia Crown, which is used during a Scandinavian celebration of St. Lucia held on Dec. 13.

These tiny carollers greet visitors as they walk through the door of the Christmas Shop, which is run by Karen Knudsen and located next to the Weed Shop at Linvilla Orchards.

Christmas Wreaths

(Continued from Page B18)

feed animals," Peg explained. He decided to sell most of the animals and plant fruit.

He originally sold fruit from a horse-drawn wagon which he drove into town. Later, he sold the fruit from his front porch, and finally, in the 1940s, the market was opened.

Although the market, especially the cold storage room, is fragrant with the aroma of apples, they are not the only fruit grown on the 300-acre Linvill farm.

"The nature of the retail market is that you have to have variety," Peg said. Apples, peaches, pears, sweet corn, pumpkins and pick-your-own strawberries are other features of the market.

What is the secret to a successful direct marketing approach?

"I haven't found out," Peg laughed, adding on a more serious note, "There's a real rapport among fruit growers. A lot of ideas are shared."

Her husband, Paul, is also active in the Pa. Retail Farm Market Association, which, according to Peg, "does a lot of educational things."

And the special features, such as homemade apple cider and freshly-baked pies also add to the market's success, as do the special outside displays which begin in the fall.

The first display is Johnny Appleseed's Birthday. That is followed by Pumpkinland and then a Thanksgiving Display. At the time of this interview, "the world's largest rag doll," according to Peg, was on display. Peg explained that she made the doll, using old sheets. It stands approximately 38 feet high.

The Linvills also have deer, as well as assorted other animals, on the premises, which seemed to delight the children.

According to Peg, when the outside displays are set up, they employ four tour guides and take about 30,000 school children through the grounds every year.

During the Christmas season, Linvilla Orchards is open from 10 a.m. to 6 p.m., seven days a week. They are closed from Jan. 1 to May 1.

Clever Clovers 4-H Club

Three members of the Clever Clovers 4-H Club received awards at the County 4-H Achievement Dinner. Members congratulated the award recipients: Sarah Wingerter, who received the Clothing and Foods county medals; her sister, Rachel, recipient of the Needlework and Foods County medals, and Chrissy Blackwell, who was recognized as the Unit III Foods award winner.

The Chirstmas meeting was held Dec. 14 at Helen Knights home in Ringoes. Members sang Christmas carols and then held their annual Christmas tea.

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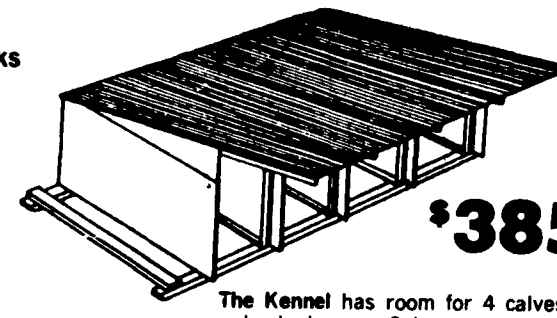

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It's an 'Inn' and It's Edible

BY KIMBERLY HERR

EPHRATA — There are wreaths at the windows, poinsettias by the door and a fire burning in the fireplace. It's a cozy scene, and, best of all, it's edible.

That's right. Everything is made with gingerbread, icing, candy, cereal or ice cream cones. It is the work of Tina Strepko, Ephrata.

Last year, Tina won best of show honors at the gingerbread house contest at the Historic Strasburg Inn, Strasburg. She is hoping to do the same this year.

The actual contest is Tuesday evening, but her entry must be there by Monday. When Tina arrives, she'll be able to see just how well she did in reconstructing her model. In fact, she will be able to compare it to the real thing, since what Tina made is a model of the Historic Strasburg Inn, complete with curtains, dormers and bricks.

"If I know that somebody is really going to like something, I'll go to great lengths," Tina explained. And she thinks the people of Historic Strasburg will like her gingerbread entry. When she mentioned the possibility of doing the reconstruction to one of the employees of the Inn last year, he replied, according to Tina, "'I would have done backflips.'"

But before the finished product can cause that kind of excitement, there is a lot of work involved.

"Everything had to be edible," Tina said.

She used Cheerios cereal for the wreaths, an ice cream cone for a Christmas tree, clear toy candy for the window panes and gum candy for the tiny candles on the gingerbread tables. Tiny Chicklets were used for the panels on doors and shutters. Most everything else is made from gingerbread or icing. Tina estimated that she used some 70 odd pieces of gingerbread.

"I go very slowly and take my time with everything," Tina explained.

Tina has been planning to make the Historic Strasburg Inn model since last year, but the actual work did not begin until after Thanksgiving. How did she figure out what to use to create the different parts?

"You just start thinking about things," Tina said. "You keep your eyes open."

Tina explained that she makes cardboard patterns for many of the larger pieces. Then, while the gingerbread is still warm, she presses it onto the pattern and trims the excess gingerbread away.

"The worst part of the whole thing is having it (the gingerbread) all over the house," Tina laughed, explaining that she has a 17-month-old son who is interested in everything, especially her fragile gingerbread.

Tina explained that when she is busy with her gingerbread construction, her son, Daniel, often spends the day with her mother.

Tina Strepko puts some of the delicate detail on her gingerbread model of the Historic Strasburg Inn, which will be entered in the gingerbread house contest at the Inn.

Coming down the final stretch - the contest is Tuesday - Tina finishes making the poinsettias that will be placed outside the gingerbread model. The flowers are made from icing and gingerbread.

When he is away, Tina spends about 12 hours every day on the house. When Daniel is not visiting Grandmother, Tina gets up at 5:30 a.m. so she can work before he wakes up. She often stays up until about 1 a.m., working after her son is in bed.

"I almost run on nervous energy," Tina laughed. "I don't even feel like eating. I just want to work on this thing."

Since this is the second year of competition for Tina, she knows what to expect.

"There's good competition over there," she said.

For last year's Lancaster County contest, Tina made a Victorian mansion, complete with a balcony and an "S" on the chimney for Strepko. "That house was really big," Tina said, explaining that last year the gingerbread houses were to be built on boards measuring 30x30. This year, the size has been reduced to 24x24.

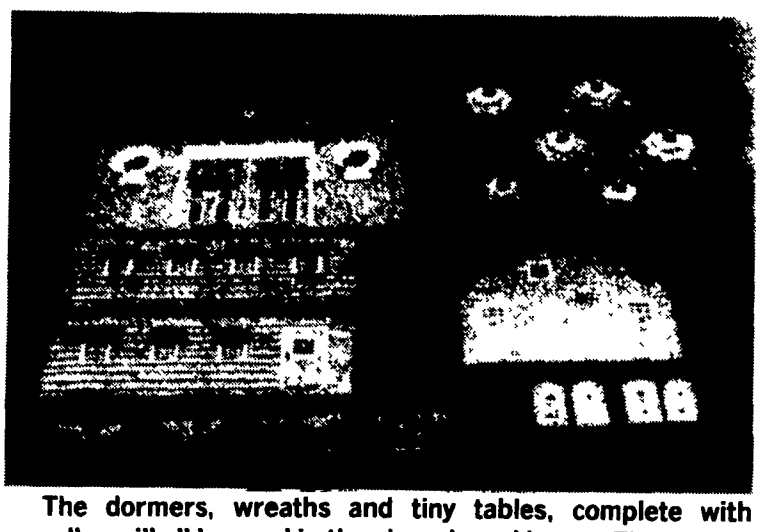
Although she seems like a pro now, Tina has pictures - taken by husband, Barry, - of her first gingerbread house.

"When I look back on it, I think ooh," she chuckled.

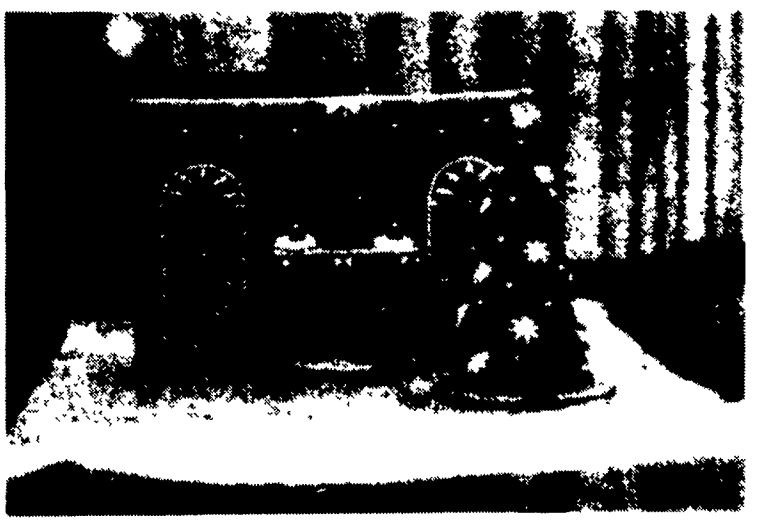
Tina's cake decorating interests were sparked when she took a class at the Brownstown Vo-Tech School. "My sister and I took the class sort of as a lark," Tina remembered.

But judging from the pictures Tina displayed of the cakes she has made, that lark has turned into talent.

"It's a hobby," Tina said. "If I didn't enjoy it, I couldn't do it. It's a challenge."



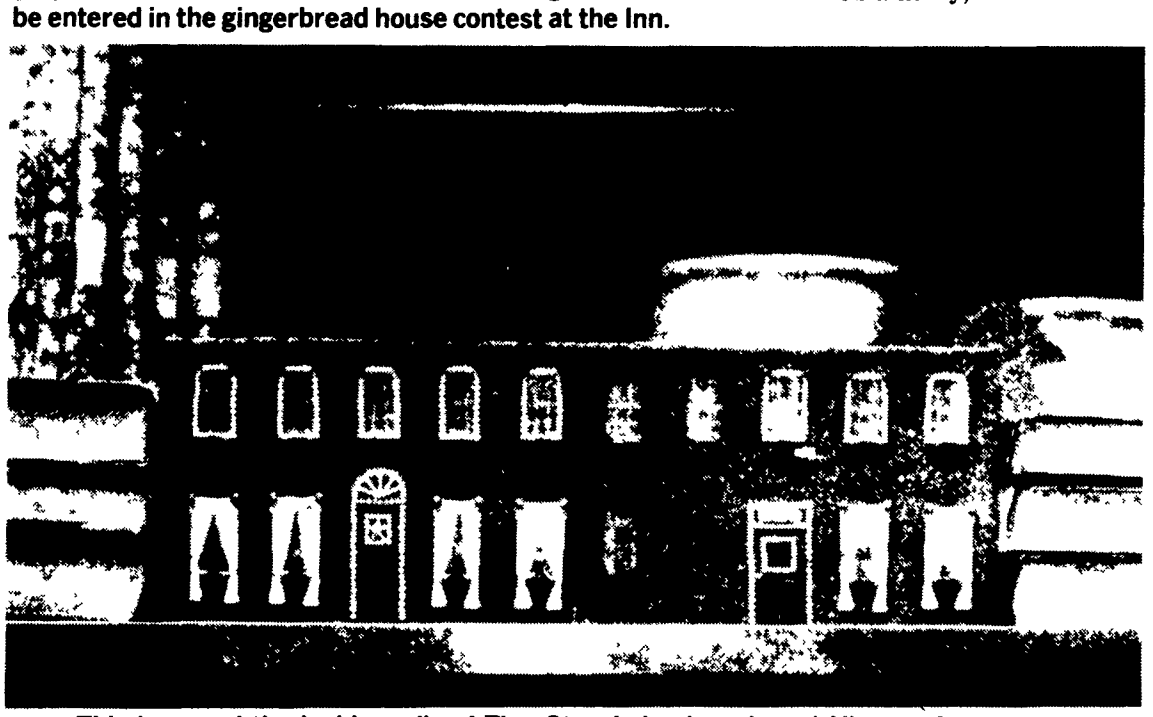
The dormers, wreaths and tiny tables, complete with candles will all be used in the gingerbread house. They are all made with gingerbread, candy or icing.



This Christmas tree and fireplace will be placed inside Tina's rendition of Historic Strasburg Inn. The tree is made with an ice cream cone and icing. The fireplace, complete with logs, is made from gingerbread. The wreaths were constructed from Lifesavers, while M&M's finish the tops of the doors.

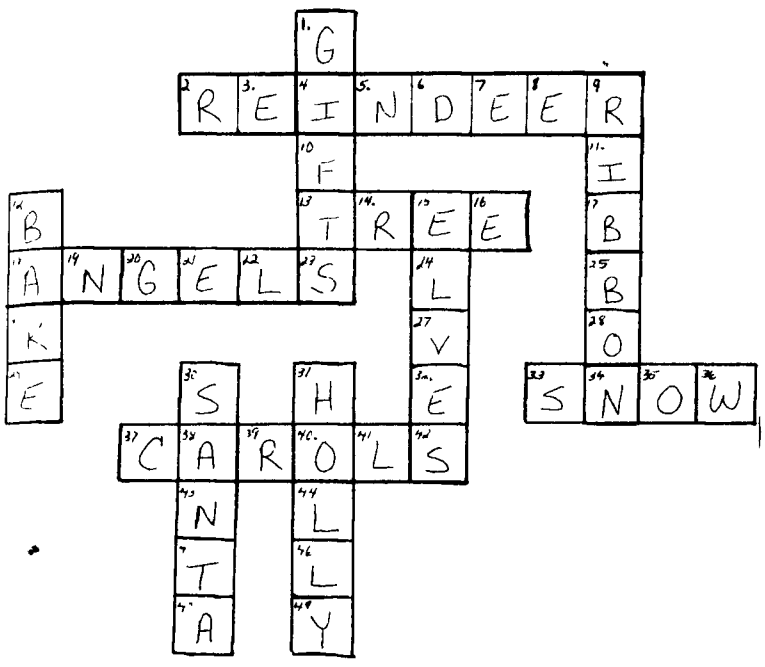
And, according to Tina, the Historic Strasburg Inn construction has been the most challenging so far. She has used approximately four batches of gingerbread, and as of last Monday, the model was almost ready to be put together.

"All I know is it's going to be done, if I have to stay up all night," Tina said.



This is one of the inside walls of Tina Strepko's gingerbread Historic Strasburg Inn. The detail on the inside walls is as exact as that on the outside walls. Tina's husband, Barry, took pictures of the Inn so Tina would be able to make an exact replica.

Answers to puzzle



4-H Flower Team Represents Pa.

CARLISLE — The Cumberland County 4-H Flower Team represented Pennsylvania at the National Junior Horticulture Annual Meeting in Tulsa, Okla., recently. The team made up of Deanna Otto, Mechanicsburg; Brenda Wert, Carlisle; Andrea Gutshall, Carlisle, and Dede King, Mechanicsburg, placed 14th in the National 4-H Horticulture Judging and Identification Contest.

The team members identified 100 flowers, ornamentals, vegetables, and fruits and nuts. Also, they judged eight classes consisting of two classes of flower, two classes of ornamentals, two classes of vegetables, and two classes of fruits and nuts.

They were quizzed on management and culture practices of flowers, ornamentals, vegetables, and fruits and nuts. Individually, Brenda Wert placed second and Deanna Otto placed sixth in the judging segment of the contest. The team was coached by Donna Duncan, Carlisle.

The 4-H winning flower team are left to right, - Deanna Otto, Mechanicsburg; Dede King, Mechanicsburg; Brenda Wert, Carlisle; and Andrea Gutshall, Carlisle.

Parade Results Announced

LEBANON — The Cedar Crest FFA float entered seven parades during the float season. The theme of the float was changed several times for various parades. Themes included: The Haunted Graveyard, Jack Sprat's Wedding, and O Christmas Tree.

Parades and placings received are as follows: Lebanon Jaycee Halloween Parade - 1st; Schaefferstown Parade - 1st; Jonestown Parade - 2nd; Palmyra Jaycee Parade - 2nd; Fredericksburg Parade - 3rd; Lebanon Holiday Parade - 3rd; Hershey Parade - 4th.

Most of the chapter members helped in the construction of the float and the performances during the parades. A pizza party is being planned for all those who helped in this endeavor.

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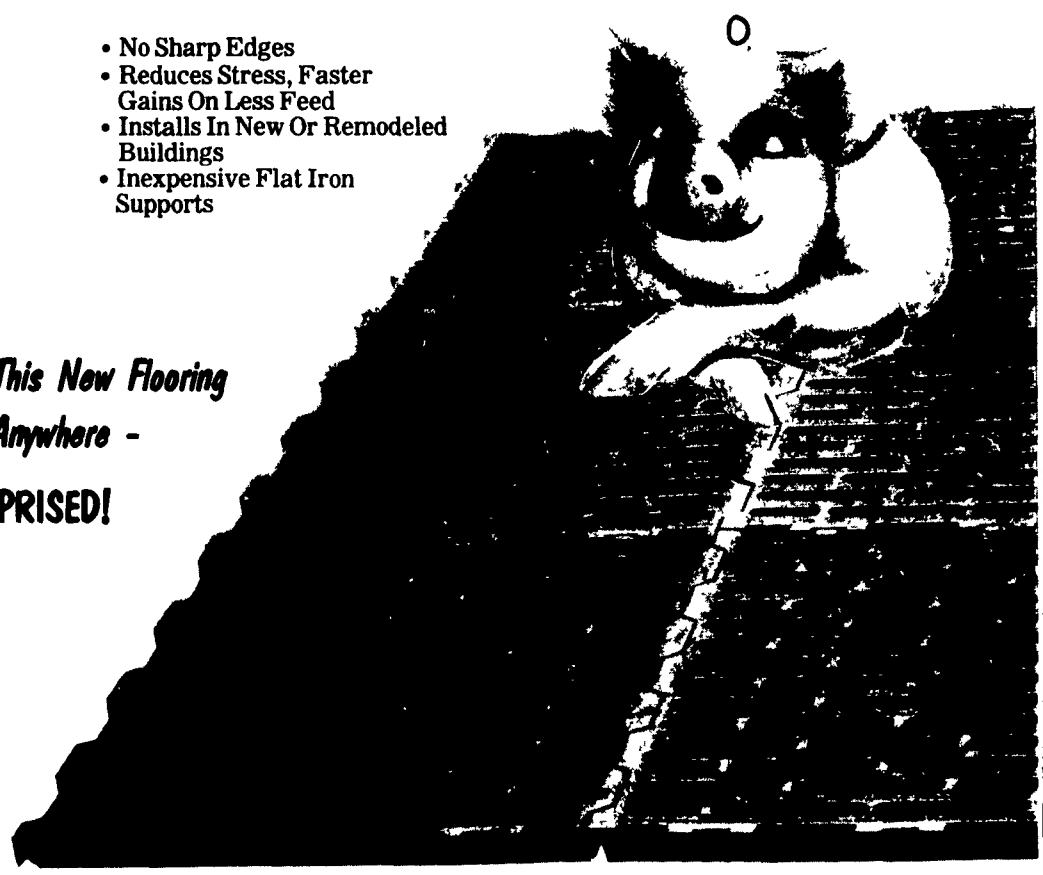

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Corn Contest Held

LEBANON — The Cedar Crest FFA participated in the FFA County Corn Contest held recently at Elco High School Vo-Ag room. The top placings were:

Yield— 1st - Tim Elliott (Annville-Cleona); 2nd - Brenda Peiffer (Cedar Crest).

Quality— 1st - Brenda Peiffer (Cedar Crest); 2nd - Tim Elliott (Annville-Cleona).

The judge for the contest was Donald Bollinger, a local corn grower. When Mr. Bollinger judged the 10 ears of corn from each entry, he was looking for the following characteristics: bright yellow color, uniformity of ears, straight rows, large size, freedom from mold, other marks, and full ears. After the contest was over, refreshments were served and the contestnas met with Judge Bollinger to discuss corn growing practices.

Cedar Crest Results Announced

LEESPORT — FFA members from Lebanon, Berks, and Schuylkill counties recently participated in the Area FFA Contests at Berks County Ag. Center. Some of the contests included dairy judging, horse judging, meats contest, dairy foods contest, and ag mechanics. The Cedar Crest placings were: Horse Judging - 37 contestants - 1st - Ann Lansberry; 3rd - Brenda Miller. The team took first place.

Dairy Foods - 40 contestants - 1st - Dan Groff; 2nd - Dave Groff. The team took first place.

Meats Contest - 30 contestants - 2nd. - Gale Hitz.

The top three winners in each category from Lebanon County will receive prize money.

Say it in stitches

You can say almost anything in a counted cross-stitch sampler. Beautifully stitched words can express friendship, welcome people to your home, commemorate an occasion or frame a special thought.

The sampler shown is a perfect example of a counted cross-stitch message. It reads: "The most beautiful things in the world are not seen or touched. They are felt with the heart."

The saying, framed in a border of floral stitchery, is lovely enough to hang on a wall, give to a friend or pass on as an heirloom. It is available as a kit, complete with counted cross-stitch chart, special fabric, needle and embroidery floss, by writing to the address that follows this column.

You can cross-stitch your own message right now, however, with graph paper and counted cross-stitch supplies. To learn to letter, just read on.

Almost any lettering style, including your own handwriting, is fine for cross-stitch. You can work with a charted alphabet, copy letters from a calligraphy book or design your own alphabet.

No matter which lettering style you choose, "plan ahead" is certainly the most important lesson to learn. If you don't, you'll surely wind up with the last letters either squeezed into a tiny space or stretched to fill a nearly empty sampler.

Proper spacing and centering are also crucial elements in lettered designs. When all the planning, drawing and centering are finished, however, words are as fast, fun and easy to cross-stitch as the simplest designs. here are directions for counted cross-stitch messages:

MATERIALS: Aida, hardanger or other even-weave cross-stitch cloth, graph paper, pencil, embroidery needle, embroidery floss, optional: embroidery hoop.

WRITING RULES: 1. Write your entire message on graph paper as it will appear in your sampler. 2. Leave at least one blank square between each letter. 3. Leave between two and five squares between words, depending upon size of letters and message.

PROPORTION: 1. Make all capital letters the same height, but vary width according to the letter. In other words, make the letter "M" wider than the letter "I." 2. As with capitals, draw lowercase letters in proportion to one another.

SIGNATURES & CURVES: 1. Sign your name, or write your message, on graph paper. 2. Darken whole squares as neatly, as possible along the curving lines. 3. When finished, look over the design. If it doesn't look right, make changes as necessary.

SYMMETRY: If your message stretches across an uneven number of squares, mark the line to the left of center as the center of your piece. 2. If you prefer perfect symmetry, add or subtract a square between the words in each line.

CENTERING DESIGN: 1. Count boxes to find the center of your graph paper. 2. Darken horizontal and vertical center lines. 3. Fold fabric in half lengthwise and widthwise. 4. Baste along horizontal line nearest horizontal fold in fabric. 5. Baste along vertical line nearest vertical fold in fabric. 6. Open fabric and press flat.

CROSS-STITCHING: 1. Count squares in fabric to find the top left square in embroidery hoop. 3. Starting with the top left square, cross-stitch as usual, following the charted letters.

THE BEAUTIFUL THINGS SAMPLER KIT, by "Dimensions," includes 9-by-14-inch unprinted, 14-count cotton aida cloth, cotton embroidery floss in soft shades of pink, green and brown, embroidery needle, color-accented, easy-to-follow, counted cross-stitch chart and step-by-step, illustrated instructions.

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'Gingerbread Lady'

(Continued from Page B16)

her that because she spreads "joy, love and teaching." The irony is that in her youth Patti had considered becoming a missionary.

Asked about the charm of gingerbread houses, Patti says, "I think it has become very popular in the last few years. I was making them before they became nationally popular and they began appearing on the covers of national magazines. I think it has to do with the interest in crafts and the fact that handmade things are so valued. It also ties in with the interest in nostalgia, and antiques and family history."

There is no doubt that making a gingerbread house is a "labor of love," as with any baking. Patti says she learned quickly when she began her business that "I couldn't do for the world what I did for my family. You can't put a price tag on it."

While gingerbread houses are definitely for Christmas, Patti makes them for other occasions as well, including Halloween and Easter. In fact, she will be returning to the Smithsonian for a Valentine workshop in February, and has been asked to return for three days next year before Christmas.

While she is almost finished with workshops and demonstrations for this Christmas season, she will be serving next week as a judge for Historic Strasburg's second annual gingerbread house contest. That takes place on Dec. 20, and the winning houses will be on display for one week after the event.

Since she began giving workshops, Patti has also written a book which includes detailed directions, patterns and many of her novel ideas for creating unique gingerbread houses.

Patti calls her visit to the Smithsonian the "exciting frosting on the cake. It's something you never dream of." For her it was just one more adventure in her life as the Gingerbread Lady as she shares the joy and rewards of making gingerbread houses.

Saddle-Up

A new 4-H horse club has been formed in the Readington Township/Whitehouse Station area. Mrs. Marie Pallizzari and Mrs. Lynn Sargent are leaders of the Saddle-Up Horse Club The club is open to youngsters 9-19 years of age who would like to learn about horses and horsemanship. Seven members have already joined the club. More are welcome. Just call 534-6411 or 738-3745 for more information.

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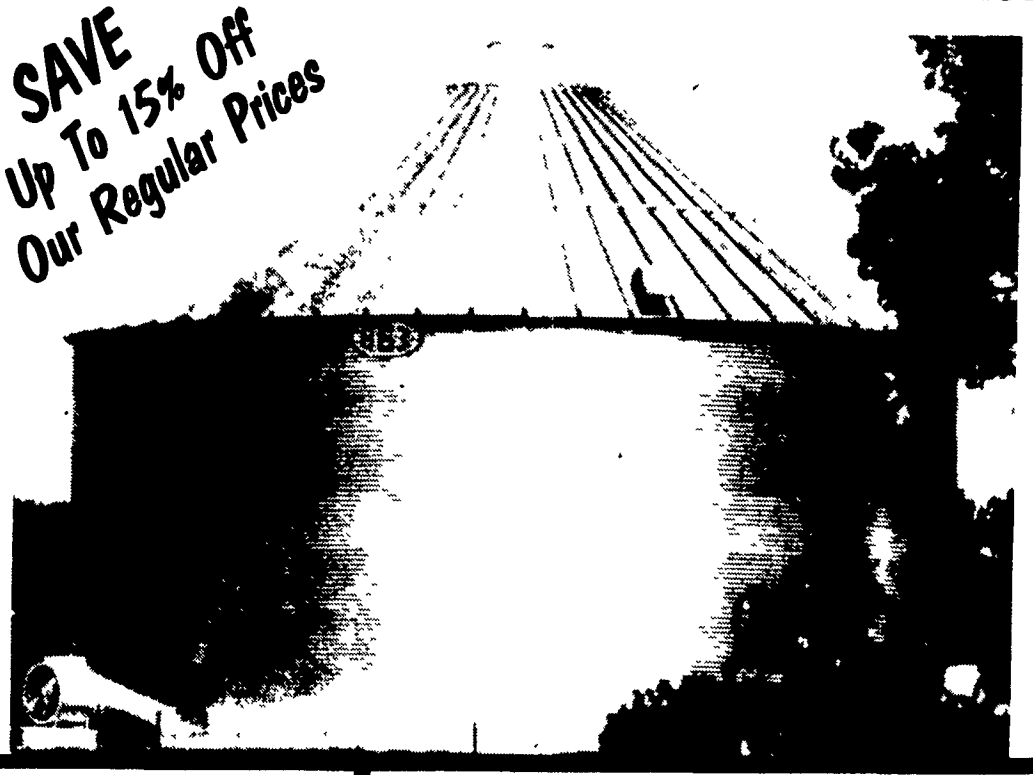

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On being a farm wife -And other hazards

Joyce Bupp

Beneath the jean-clad exterior of many farmers there apparently lurks a deep fascination with flying.

The airline pilot in charge of a charter flight of our Dairymen, Inc., cooperative members, returning from the annual meeting, further stirred this dormant interest of tillers of the soils in taking to the heavens.

Our charter, chock full of over 200 members of the milk co-op, had barely cleared the runway when the pilot's voice boomed over the intercom system, welcoming the group aboard and offering the usual information about flying time, cruising altitude and weather and arrival time at destination.

A friendly, talkative airborne host, he then went one step farther.

He extended an invitation to anyone interested to come front to the cockpit to look around and satisfy their curiousity about airplane piloting.

To a group of people who fly regularly as part of their jobs, such an invitation likely would have stirred a few from their newspapers for a quick look around, but may not have roused all that many.

But for farmers, rooted in the soil, and spending most of their waking hours intimately involved with things mechanical, and endowed with boundless interest in how mechanical marvels work, this invitation was in the same class as a command to appear at the White House.

In one simultaneous move, seats emptied as what seemed like at least a fourth of the passengers trooped up the aisle in this rare opportunity to visit the controls and controllers in flight.

It wasn't long until that voice again cracked over the intercom.

Once more, it was the pilot speaking, with a request that only limited numbers visit the crew at a time. Seems too much weight forward could cause this carefully balanced jet to become "nose heavy."

Nose heavy? That had an ominous ring to it. You could almost visualize this shiny silver plane flipping tail over noise into a somersault among the clouds.

Traffic up and down the aisles continued heavy, creating people jams as cockpit spectators and the flight crew serving lunch maneuvered through one another in the 18 inch wide aisle.

Friends, neighbors and new acquaintances visited and joked back and forth, and moved around the cabin, teasing the stewards and stewardesses.

And just before we landed, the entire group joined in singing a rousing, and only slightly off-key, version of Happy Birthday to a division staffer who had helped coordinate the trip.

As we deplaned in Baltimore, the flight attendants said their usual cheery goodbyes, and one similingly commented, "This was the best group I've ever flown with."

So if you happen to see a sleigh behind a troop of reindeer flying through the skies sometime in the near future, please look carefully at the pilot.

It wouldn't be at all surprising if he happened to be wearing a seed corn or feed company hat.

Ida's Notebook

Ida Risser

What do you call someone who is too stupid to come in out of the rain] Whatever it is, that is what I felt like the first day of deer hunting season. After packing a big lunch the night before and having a husband who got up at 3 a.m. to milk the cows, it seemed as though the only thing that I could do was to go along to the mountains despite the weather.

It drizzled the whole time that we were on the Turnpike traveling to the Blue Mountains. Near the top of the mountain the road was muddy and slippery and the ditches were full of water. But, we put on our hunting clothes when we arrived at Ant Hill Trail and topped them off with a large piece of plastic to shield us from the rain. One does not carry an umbrella and a gun too.

When a few hours had gone by and I'd seen nor heard anything, I gave up as the fog up on the top of the mountain only allowed me to see about 30 feet. In fact it was so scary that I turned my jacket inside out in order to have more fluorescent orange showing.

There have been days that I really enjoyed being out in the woods alone. That was in October when the sun shone, the witch hazel trees bloomed yellow and I could watch the chipmunks scurry across logs and under big, brown fallen oak leaves. Even then I saw no wild turkeys.

At other times I've stood quietly against a tree, while snow fell gently around me, and watched small groups of doe running through the forest. Sometimes one or two would approach quite close before stamping their hoofs and turning to race away with their white tails disappearing among the bare trees.

But today is simply too damp and dreary to please me and so I've retired to the car to write, sip coffee and munch a turkey sandwich. Maybe we'll find another day this season when the sun will shine for us and we can go hunting again.

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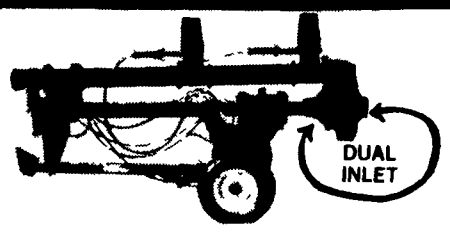

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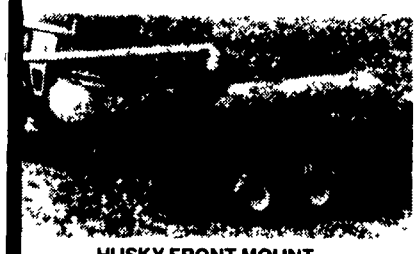

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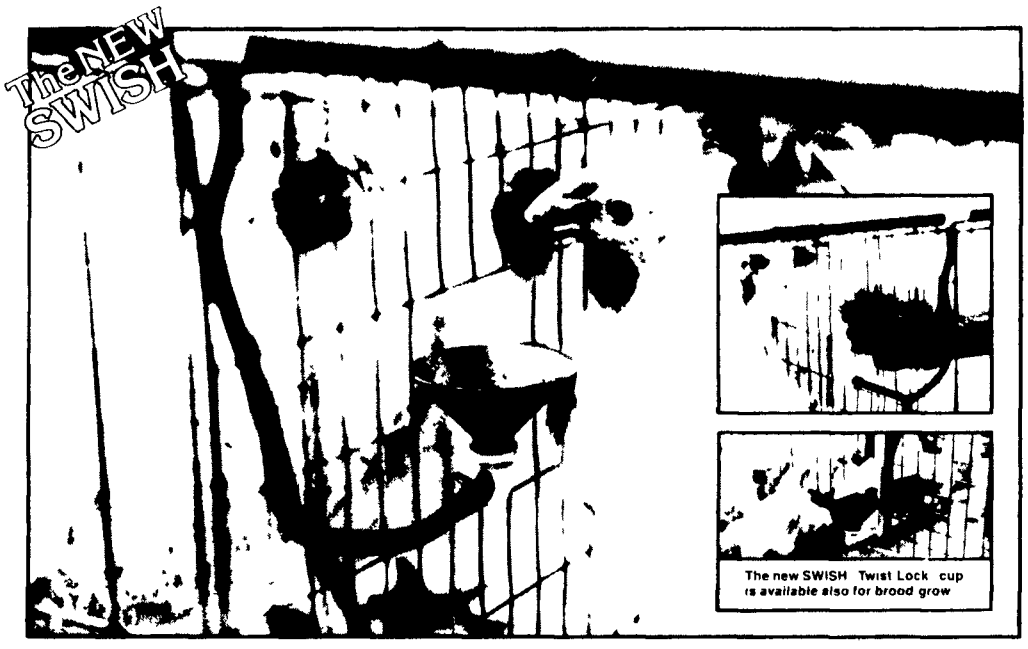
"Twist-Lock" cups: newest innovation from the new leader



The new SWISH Twist Lock cup is available also for brood grow

...another reason SWISH saves you more labor, more birds, and more money

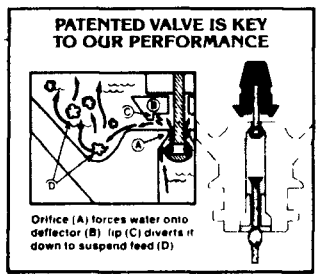
The newest twist in cage watering makes cup cleaning and maintenance a real snap it s SWISH s Twist-Lock cups for cage layers and brood-grow watering systems

Saves labor. No more contortions with hand tools inside a cage – one simple twist of the wrist unlocks and removes the unitized cup and valve It s that easy to maintain when necessary

But, with SWISH, it s hardly ever necessary That s because our cup is self-cleaning Our patented valve keeps the cup clean by flushing any feed particles out so birds can consume them with the water

Installation is a snap too with SWISH s new cups they simply snap into the desired location, and the hose attaches to the water line outlet These are some of the ways SWISH s new cup saves you labor – easy installation, low maintenance, and labor savings between flocks because our cup constantly cleans itself

PATENTED VALVE IS KEY TO OUR PERFORMANCE



Orifice (A) forces water onto deflector (B) lip (C) diverts it down to suspend feed (D)

Helps save more birds. Because our cup is self-cleaning, algae and bacteria growth is not a problem as with cups that don t flush out feed particles Clean cups mean less chance of disease and less mortality And our big cup means good access to water, for a good level of bird health

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Achievement Night Held in Wayne Co.

HONESDALE — The Wayne County 4-H Achievement Night, "Flashback '83," was held at the Honesdale Presbyterian Church Hall with over 150 4-H members, 4-H leaders and parents in attendance.

"Flashback '83" reviewed the 1983 4-H year in Wayne County, highlighting 4-H County Council activities, Wayne County Conservation Camp, 4-H Capon Round-up, 4-H Strawberry Round-up, 4-H County Picnic, Iowa 4-H Exchange, 4-H Horse Show, 4-H Tractor Safety Program, 4-H Camp, 4-H District Dairy Show, 4-H State Dairy Show and Wayne County Fair 4-H activities.

A number of Wayne County 4-H members, 4-H leaders and 4-H clubs were recognized for their achievements in the 1983 Wayne County 4-H Program.

County winners in the 4-H Blue Form Awards Program were: Achievement - Patty Hughes, Stablemates 4-H Horse Club, and John Wojcik, Bethany 4-H Community Club; Agricultural - Jeff Eroh, Bethany 4-H Community Club, and Wesley Buck, Starrucca Community - Wilderness Starcrafters 4-H Club; Clothing - Melanie Buck, Starrucca Community - Wilderness Starcrafters 4-H Club; Conservation of Natural Resources - William Ludwig, Bethany 4-H Community Club.

Dairy - Steve Davis, Laurella 4-H Community Club; Entomology - Mike Mang, Bethany 4-H Community Club; Food - Nutrition - Linda Marshall, Gourmet Gardeners 4-H Club; Forestry - William Meier, Bethany 4-H Community Club; Gardening and Horticulture - Karen Lupyak, Cold Springs 4-H Agricultural Club, Patrick Mang, Bethany 4-H Community Club, and Marnie Meier, Bethany 4-H Community Club.

Horse - Nancy Neville, Stablemates 4-H Horse Club; Photography - Julie Ann Ludwig, Bethany 4-H Community Club; Veterinary Science - Laura Bassak, Bethany 4-H Community Club, Julie Wojcik, Bethany 4-H Community Club, Matthew Swartz, Starrucca Community - Wilderness Starcrafters 4-H Club, and Caroline Travis, Lakewood 4-H Club.

Wood Science - Randy Campbell, Bethany 4-H Community Club.

The Starrucca Community - Wilderness Starcrafters 4-H Club received the 1983 Wayne County Outstanding 4-H Community Club Award. The 4-H club leaders are: Lillian Buck, Scott Soden and Robert Buck. This 4-H club consisted of 18 4-H members that completed projects in clothing and textiles, riflery, dairy calf, and market lambs. This 4-H club was very active in their community completing projects such as roadside clean-up and helping to reclaim some mining areas by planting evergreen tress.

The Honesdale Busy Young Homemakers 4-H Club received the 1983 Wayne County Outstanding 4-H Home Economics Club Award. This 4-H club is lead by Joan Smith and has seven active members. The 4-H projects completed by the members of this club were: clothing and textiles, create a skirt and create with fabrics. Members also participated in the Wayne County 4-H Fashion Revue.

The Cold Springs 4-H Agricultural Club received the 1983 Wayne County Outstanding 4-H Agricultural Club Award. 4-H leaders of this club are: Bob and Judy Muller, Kathryn Muller, Judy Crimi, Gladys Jamieson and Trudy Vail. The 22 club members completed 4-H projects in rabbits, market beef, strawberries, dairy, outdoor flowers, market hogs, potatoes, maple syrup, wildlife, onions, market lambs and indoor flowers.

This 4-H club was active in community service projects like planting flowers at area churches, cleaning up roadside garbage and helping at a recent Rabies Clinic. Members of this club are on dairy and livestock judging teams, are active in 4-H County Council activities and are active at the Wayne County Fair.

The South Canaan Saddle Club received the 1983 Wayne County Outstanding 4-H Horse Club Award. The 23 members of this 4-H horse club are lead by: Jerry Hughes, Gerry Hughes, Margaret Savitz, Ingrid Ostrowski, and Theresa Pavlack. The 4-H horse projects completed by this club included: learning about horses, novice horseman, tenderfoot, horseman, junior horseman, senior horseman and advanced horseman. This club also helped to acquire new horse show "jumps" for the Wayne County 4-H Horse Show. Members of this 4-H club were active on the Wayne County 4-H County Council, attended 4-H Camp Shehaqua and also helped with the County 4-H Picnic.

The 1983 Outstanding Wayne County 4-H Girl Award was presented to Kelly O'Neill. Kelly is a member of the Pleasant Mount Go-Getters 4-H Club where she currently holds the office of Vice-President. She also is President of the Wayne County 4-H County Council. Kelly has completed 4-H projects in veal calf raising, outdoor flowers, photography, fast foods, fun to bake and stitch an outfit. She has helped to plan and conduct the County 4-H Picnic, 4-H Achievement Night, 4-H County Council activities, Calf Sale Booth, aluminum can collection and Iowa 4-H Exchange Welcoming Party Committee.

Kelly has attended 4-H Leadership Congress at Penn State University, Pennsylvania 4-H Capital Days at Harrisburg, and has served as a camp counselor at 4-H Camp Shehaqua. Kelly is a 1983 graduate of Forest City Regional High School and is currently a freshman student at Cornell University studying the pre-veterinarian curriculum. Kelly was also a winner of an Isabel Loesch Scholarship in the amount of $150.00.

The 1983 Outstanding Wayne County 4-H Boy Award was presented to Randy Campbell. Randy is a member of the Bethany 4-H Community Club where he serves as president of that particular club. Randy also serves as treasurer of the Wayne County 4-H County Council. He has completed 4-H projects in wood science, forestry, crafts, small engines, riflery, rocketry, bicycle, photography, self-determined projects, and vegetable gardening. Randy has been a county award winner in the Blue Farm awards program. He has helped to plan and conduct the County 4-H Picnic, 4-H Achievement Night, 4-H County Council activities, Calf Sale Booth, Aluminum Can Collection, Lackawaxen River Bank Clean-Up Committee and Iowa 4-H Exchange Welcoming Party Committee. Randy is currently a senior at Honesdale High School and plans to attend college.

Don Jonas, from the Cold Springs 4-H Agricultural Club, was also selected as a recipient of an Isabel Loesch Scholarship. Don has completed 11 years in 4-H and has completed projects in market hogs, laying flock management, rocketry, dairy, veterinarian science, rabbits, wildlife and forestry. Don has held many offices in the Cold Springs 4-H Agricultural Club and has served as treasurer and vice-president of the Wayne County 4-H County Council. Don is a 1982 graduate of Honesdale High School and is a senior student in Radiology Technology at College Misericordia, at Dallas.

Adams Co. Achievement Winners

I Dare You awards were presented to, left to right, Tim Spangler, Gettysburg; Jeanne Smith, Abbottstown; Josie Hess, Gettysburg; Kim Paull, Heidlersburg; and Dan Wilkinson, Gettysburg. The award is presented to dare those individuals to do better in 4-H than they have done.

Special leadership awards were presented recently at 4-H Achievement Night. Receiving special honors were Dan Klinedinst, Heidlersburg, ABC Williams Award; Bonni Bishop, Gettysburg, Rose Murren Award; Carol Clowney, Gettysburg, Lois E. Smith, Memorial Award; and Ed Wilkinson, Gettysburg, Bill Miller Award.

I Dare You awards were also presented to, left to right, Eric Peters, Idaville; Karl Tyson, New Oxford; Sue Murren, Hanover and Janet Ludwig, York Springs.

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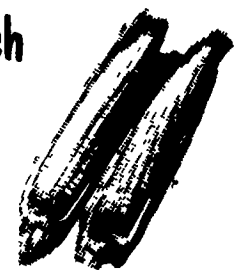

For the avid gardener

Deck the Halls with Home-Grown Greens

Your own evergreens may provide all the fresh greenery necessary to decorate your home this Christmas. And with a little artistic flair, they can look as good or better than commercially available greens, says University of Delaware Extension Horticulturist David Tatnall.

Many common evergreen trees and shrubs can be effectively fashioned into wreaths, ropes, swags and garlands, Tatnall says. Small boughs will also dress up outdoor windowboxes and planters.

Pruning evergreens in December does not harm them if done carefully, Tatnall says. It's best to use the prunings immediately, but greens will store well in closed plastic bags or containers of water. Keep them in a cool place such as an unheated garage, away from direct sun.

Almost any evergreen can be used for decorations, although some are more attractive and easier to handle than others. You are indeed fortunate if you have a large well-berried American or English holly, Tatnall says, or perhaps the beautiful hybrid holly, "Nellie Stevens." These traditional greens can highlight your Christmas decor in a variety of ways.

Pines are popular, especially the white pine, which is particularly useful for roping. Sometimes, however, the sticky sap makes handling pine greens annoying.

Fir, spruce and hemlock are also used for greens. But Tatnall doesn't recommend using spruce or hemlock indoors because they will quickly drop their needles.

Yews and junipers are common evergreen shrubs that are important sources of greens. Junipers are especially desirable because of their feathery blue-green or grey-green foliage, waxy, blue berries and pleasing fragrance.

Homeowners often have a good choice of broadleaf evergreen shrubs suitable for holiday decorating. Among the best are Japanese and Burford hollies, cherry-laurel, holly osmanthus and boxwood. If you object to the odor of boxwood, Japanese holly, which looks similar, is a good subsitute, Tatnall says.

Don't overlook the decorative possibilities of deciduous plants with colorful winter berries. Examples include the winterberry holly (bright red berries), bayberry (waxy grey berries) and autumn elaeagnus (silvery-red berries).

So bring in some of your outdoor greenery during this holiday season, Tatnall suggests, and deck the halls of your home for Christmas!

Del. College of Ag Host Students

Students from St. Thomas School in Wilmington learned about agricultural careers on a recent visit to the University of Delaware.

NEWARK, Del. — Ten years from now, will you be able to find an entomologist when you need one? The University of Delaware College of Agricultural Sciences is taking steps to make sure you will.

University officials are very much aware that when young people plan careers, they consider jobs they know best - mostly those they're exposed to at home, school, or on television. So almost all the youngsters who love animals want to become veterinarians, while the science enthusiasts think about becoming doctors or astronauts.

The problem is, many good jobs in lesser-known fields like entomology are going begging because not enough young people prepare for them. The situation is worsening now that high school graduating classes are getting smaller, and there are fewer young people to go around.

To solve the problem, faculty members and extension 4-H agents are working together to introduce youngsters to different career possibilities within the College of Agricultural Sciences. This year they're concentrating on entomology and dairy science.

On a recent Tuesday morning, about 40 seventh and eighth graders from St. Thomas School in Wilmington took a field trip to Townsend Hall, formerly known as Agricultural Hall, on the university campus in Newark. They were greeted by Dewey Caron, chairperson of the entomology department.

Caron explained that science-minded students could find many interesting career possibilities in the entomology field, from pest control specialist to agricultural chemical company representative to university food production researcher.

The students were impressed as Tom Wood and Judith Hough-Goldstein explained the significance - and sheer joy - of their work. He told how his insect specialty, the treehopper, uses biological mechanisms to protect its young from harm, and to hide from predators. She explained how her insect research helps keep crops from being eaten before they leave the fields.

Doug Tallamy was just as enthusiastic about beetles, his favorite insect. He described how they became the most numerous creatures on earth because of their extraordinary adaptability to diverse environments.

Later in the day, Extension 4-H Agent Mark Manno quizzed the young students about their future plans. Many were considering the same kinds of jobs as their parents. He asked what they thought about college, and they weren't sure.

Asked to guess how much one year of study at the University of Delaware might cost, they came up with figures many times larger than the actual amount. He let them in on the fact that in-state tuition is only $1,600 per year, and explained some of the scholarships that are available. He also made them aware of other jobs an agricultural degree would open up to them.

Before the day ended, animal science professor George Haenlein told the students about dairy farming, an alternative to the veterinary field for the animal lovers among them. A film on the subject made clear that such a life isn't for everyone, but it's perfect for independent types who like to get up early. For those who prefer to sleep later, there are related jobs in the feeding and breeding industries. The visitors learned something about different dairy breeds, and, best of all, they were allowed to milk a gentle Guernsey cow from the university herd.

Herpetology 4-H Club

Two members of the Herpetology 4-H Club gave presentations at their November meeting. Jimmy Talbot spoke on "How to Raise Meal Worms," and Kevin McFall told the group how to raise mice. The club chose a committee to design their new club T-shirts. A Christmas party was held Dec. 14 at the Extension Center. Their next meeting is scheduled for Jan. 11 at the Extension Center, Route 31, Flemington.

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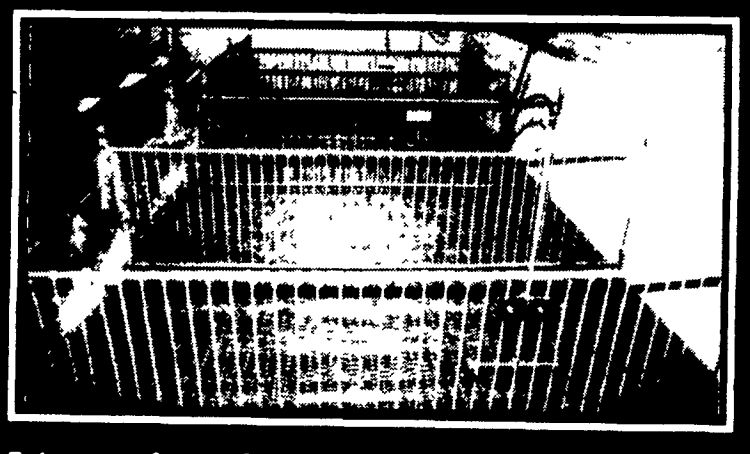

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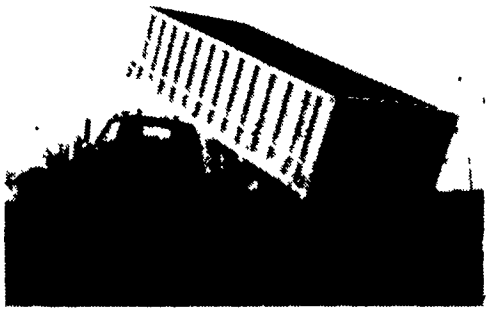

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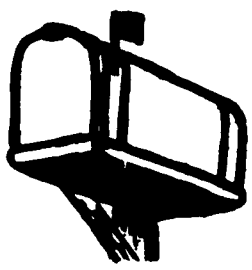

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For Sale - Pair Heavy tractor chains, like new will fit up to 16x38 tires York Co, 717-382-4688

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Wanted - 1948-49 Ford truck radio, any condition Check 1948-49 trucks back of barn Price to include Phone 215-326-4640 Chester Co

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For Sale - 16 month old Belgian Stud Colt Blonde Mare Sol J Stoltzfus along Mt Vernon Rd Gap, Pa 17527

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For Sale - 2 speed rear for 76 Chev. C60 Lanc Co 717-786-3375

For Sale - Elect Heater for large areas such as, Barns, Basements and etc, New, still in carton $300.00 Chester Co, 215-932-4068

Wanted - Snow plow for Gravley "L Type" walk behind Garden Tractor also belt elevator 215-327 3311 Northern Chester Co

For Sale - 3414 IH Diesel Backhoe & Loader Good cond, $4200 Bucks Co, 215-297-8354

For Sale - Just in time for Christmas T B Bay Gelding 7 yrs 16 1 H T B Chestnut Mare 16 H Chester Co, (215) 932-3139

For Sale - Oliver 60 Tractor on rubber w/starter & lights Excellent cond, $600, Oliver 2 btm, 12" plow Eves 201-359-5934

Wanted - Spindle for Oliver Super 66 on tractor for parts New Holland, Pa 717-354-4768.

For Sale - 48" Pony Team Shod, road safe New heavy work harness and collars. Hold for Christmas Lyco Co, (717) 433-3667

For Sale - 4 yr. old Toggenburg Billie goat, Two Burner Prizer wood or coal cook stove $75. Lanc Co, 717-872-7055

For Sale - NH #675 spreader, NI #213 spreader Used with steers only 717-733-8708

For Sale - JD 12 ft RWA Disc Harrow, like new, with new 20 in blades York Co, 717-757-1144

For Sale - 74 Free stalls (new) auger feeder for silage bunk 4-18" JD Plow York Co, 717-235 6460

For Sale - Hay, Orchard grass, clean and dry, $1 25 per bale Chester Co, 215-932-4728

For Sale - 1980 Snowmobile, JD 440 Liquifire, 1200 miles very good condition, $1,600 00 Lanc Co., 717-626-9134

For Sale - Heavy duty flatbed wagon on 8 ton running gear like new, Pride-of-the Farm 80-bus hog feeder. Lanc Co, 717-665-4092

Wanted - Power meat saw suitable for private use Priced reasonable 609-769-2984 Salem Co, N J

Wanted - 8 hole each side Smidley or Smidley Quality type hog feeders 3 of. Frederick Co. 301-662-8309

For Sale - Pair 13 6x38 tires on J D. rims, with calcium Poor tread York Co., 717-246-1741 after 5 p.m.

Wanted - Wide front end for a Oliver 1600 or 1650 Dauphin Co, 717-564-1328

MAILBOX MARKET

For Sale - Myers deep well jet pump (40) Electric hot water heater Samuel S Zook 2407 S Fifth Ave, Lebanon, Pa. 17042.

For Sale - 2 Black & Tan Coon Dogs 1½ yr old hunted some can be registered Before 12 00 301-364-5447.

Notice - Job wanted Christian Family desperate to return to farming prefer south east PA or other Mennonite area 516-781-3747

For Sale - JD combine 95 both head good condition, late mod Baltimore Co, MD 301-357-8246

For Sale - 8 tray cabinet electric incubator Excellent condition. Hunterdon, 609-397-3778

For Sale - Some purebred Nubian, and Saanen goats all ages 814 224-4978

For Sale - 6 yr old barrel racer Constant blue ribbon winner, no bad habits $600 00, Leb Co 717-949-3246.

For Sale - Reg Nubian goats - 6 mths to yearlings, bucks, ready for service, from $75 00 good home, only Bally, 215-367-8001

Wanted - 10-12' Chinese Chestnut and English Walnut trees, two of each Should be balled for transportation and replanting 215-644-9586

Wanted - 8' to 8½' Snow plow w/power angle prefer plow only truck equipped for Meyers but will convert 215-264-3025

For Sale - Good trail riding mule with nice con formation 8 yr old $800 00, Lehigh Co, 215-395-2732

For Sale - Complete good unit for Oliver 70, from steering gear box to P T O rear, Trans axles, $150, 215-539-5045

For Sale - Round 8 hole hog feeder, cast iron bottom Holds 600 lbs. like new $150 After 6 p.m. 215-257-2295

For Sale - 12"x24" slate, used $1.00 ea. 10 KW propane generator, $750. 12' & 14' tandem dump bodies, $1000. Bucks Co, 215-348-2116

For Sale - Dachshunds - A K C puppies, Wormed, Inoculated, homeraised from Champion lines (Bucks) 215-847-2137 Letrine

For Sale - 471 Detroit Diesel engine recently rebuilt. Best offer, 215-286-9797 or 856-7758, Berks Co

For Sale - Beautiful Appaloosa gelding, started Also Reg Appaloosa filly Prices negotiable Northumberland Co, 717-538-2748

For Sale - Heavy Material sprayer, Graco 55 gal drum unit 200' hose, 6' Polegun, complete like new, $1200 00, 717-739-4648

For Sale - Ag-bag full of 1th cutting alfalfa haylage 20 81 percent protein dry basis 45 00 a ton Sch Co 717-345-4563

For Sale 79 Chevy Luv Pickup Bed, slightly damaged - make offer PH 717-656-6133

For Sale - #420 JD Crawler parts Track $800 00 5 spd transmission $400 00, 412-530-2292

For Sale - 702 UNI SYSTEM tractor with 2 row corn head and grass pickup head and chopper 717-386-5438 after 8 p m

Wanted - Farm with limestone soils between State College and Bedford 215-383-5495 Chester Co

For Sale - 1970 Chevrolet C-50 truck w/16' Dump, 350 engine, 2 sp rear, 21,000 GVW, 717-345-4882

For Sale - New aluminum sheets ¼"x8'x20' 795 Wash. Co. 301-824-7240 No Sunday calls

MAILBOX MARKET

Wanted - Barn to store firewood and tree trimming equipment Preferably Lancaster Co Also wood lots to clean 717-684-2854

For Sale - 1955 Chevrolet 210 $1,400 00, runs good, body excellent, inside and bumpers need restored 717-653-2289 eves Lanc Co

For Sale - 2 Automatic mix mill hog feeders w/11 Hoppers each For floor feeding 750 00 each Frederick Co, MD 301-829-2925

For Sale - Two rubber tire top buggies in good condition Berks Co, 215-944-9973

For Sale - Small mobile home 8'x35' good cond, small repair shop equip, Drill press, hack saws, grinder, Lanc Co, 215-267-5096

For Sale - Horning Built wooden feed carts with air tires 12 Bu 125.00, 17 Bu 130.00, Leb Co, Pa 717-949-2147

For Sale - 450 JD Crawler loader engine overhauled used 302 hours Good condition $13,500, 215-267-6815, Lanc Co.

For Sale - Favorite Rabbit cages with fine-X feeders and automatic watering system, all excellent condition Franklin Co, 717-532-4520

For Sale - 15 large Springing Holstein Heifers Queen Annes Co, MD 1-301-778-3386

Wanted - Terractrac, Tracts Rollers Sprockets MO-L-356 New Used, eves 201-948-4068 Branchville, NJ

MAILBOX MARKET

For Sale - 40' FRUEHAUF REEFER, SUPER THERMO KING unit, 20" tires, xtra insulation, good condition $4200 00, Bucks Co., 215-968-5257

For Sale - JD manure spreader P T O Model N and Steel Wheel 12" W 53"H Snyder Co, 717 837-0411

For Sale - 1973 Inter Standard 3 sp pick up truck Transmission needs some work Body good condition $850 00 Dauphin Co, 717 362 3578

Wanted - Good used Kitchen-aid mixer with all three attachments No junk reasonably priced 717-483-6259, Huntingdon Co

For Sale - IRRIGATION PIPE, 65 pieces of 4" pipe by 40' $30 00 per length Atlantic Co, NJ 609 965 2929

For Sale - MC Rotary Scythe ideal for stalks or hay like new, Berks Co 215-678-9717

For Sale - MF 265 Tractor 500 hrs, very good condition & Souders snowplow Berks Co 215-944-8659

For Sale - Two 600x16 snow tires w/tubes Lots of tread $35 For all 215 756-6285, Berks Co Lehigh Co

For Sale Inter Model 275 Manure Spreader with end gate Berks Co 215-589-5227

For Sale - Angus Registered & Certified herd bred cows $500 Heifers $400, Feeder Steers & heifers available 215-857-5949 Delivery available

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MAILBOX MARKET

For Sale - 4 Polled Charolais heifers approx 375 lbs Also mixed hay, Sch Co , 717-345-4489

For Sale - Homemade wagon with low sides $150 Homemade 8 ton Lowboy trailer $500 Schuylkill Co., 717-345-8179, eves

For Sale - New, wood burning stove, Vermont castings vigilent plus access Chester Co , 215-857 2158

For Sale 140 Farmall, L-R plow & cultivator $2850 717-425 2160 North'd

For Sale Corn fed Muscovy ducks Free running Live or dressed Enos B King, 2065 Horse Shoe Rd , Lanc Pa

For Sale 1980 Honda Civic 1973 Datsun pick up 1955 Chev Pickup, 5 x6 display Cabinet w/glass doors, 717 394 2396 after 6 p m

For Sale Good used lumber no nails 6 x6 =6', 8"x8"=7's, 8 x 1 2 '' = 1 0 's, 6 x 7 '' = 1 4 ' 1 0 '' s 6 x6 =9's 15 cents a board ft Willis H Leid, R#1 East Earl, Pa

For Sale 2 wheel horse cart Good condition, $295 Lanc Co , 717 442-9013 call in eves 6 00 p m

For Sale Small NI Manure Spreader $350, Two seated pony wagon $650, pony buggy $450 Pony harness Lanc Co , 717 569-5150

For Sale Set used 18 4x30 rear tractor tires 75% thread w/rims and liquid filled Off late model JD Lanc Co , 717-354-8894

For Sale Snowblower for Graveley tractor $135 00 Lanc Co , 717-284 4449

Wanted - Bucket a day stove 717-656-8147

For Sale (New) cast iron butcher kettle 25" wide 15 deep Lanc Co , Pa 717 653 4146

For Sale AC D 19 gas tractor with rebuilt engine Spring Garden Repair shop RD#1, Box 204 Kinzer, Pa 17535

For Sale 20 Acres poultry farm, 15,000 cap , Barn and stone dwelling, southern exposure, 2 ponds Lanc Co , 215 484 2325

Wanted Hotwater baseboard heating units Also For Sale - Brooderhouse in good condition, Lanc Co , 717-656 8916

Notice Experienced herdsman willing to milk weekends and holidays Ref available Lanc Co , 215 445-5770

For Sale MF 510 diesel combine 13' grain head & 4 row narrow row corn heads 717-867-4282

For Sale A KALAMAZOO kitchen range in good condition, 215-445-5832

For Sale '69 Ford pickup, runs good $595 00, Dair Kool V M 4 Vacuum pump, 100 C F M $500 00, 717-354-0176

For Sale 12 HP Ford Tractor & Mower, New Window Units, 1951 Inter Truck, 4 wheel wagon, Lanc 717-442 4279

For Sale America Saddle bred horse buggy horse, 717 354-7922

For Sale 2 Delaval milking units, extra pail, extra claws, Daniel S Yoder, RD#2, Box 2068 Gap, Pa 17527

For Sale - 14x40 (farmer boy) hog shelter TD9 tractor parts John L Stoltzfus, 19180 Back Road, Doylesburg, Pa 17219

For Sale - JD 444 corn head will fit 20-series combines excellent condition, (301) 371-6141 Frederick Co , MD

For Sale - 3 Australian stock dogs (Blue Heelers) 6 mths old Excellent family pets and started working 717-359-4862 or 359-4333

MAILBOX MARKET

For Sale - Wood or coal furnace for large shop Christ M Stoltzfus Box 208 RD#1 Elizabethville, Pa 17023, Dauphin Co

For Sale Farmall Cub with leveling/grading/snow blade, 42 inc belly mower, rear weights and chains, turf tires Chester Co , 215-269-3917

For Sale - Purebred collie puppies - no papers $30.00 Also First cutting mixed hay Leb Co , 717-867-5254

For Sale "S" Model Case tractor, mechanically excellent, needs paint Franklin Co , 717-263-4298

For Sale JD Model 30 Combine PTO Driven, Auger Feed, New Drive Belt, In good condition $675 00, 717-837-3673 Snyder Co

For Sale Cook stove, mother's range Asking $100 00, (717) 627 2308, Lanc Co

For Sale Large spool of barbed wire used, but not rusty mtd plow for Farmall "A", 215 689 5611, after 5 00 p m

Wanted small farmette within 25 mile radius of Harrisburg Prefer 5-20 acres phone eves 717 657 8832

For Sale 22 Acre Farmette, fenced pasture, 3 springs, partially remodeled log house, bank barn, garage, $51000 00, Perry Co , 717-834-3882

For Sale Sleigh & Jumper, good condition, Dellinger Hammer Mill, traveling table, 10" Franklin Co , 717 263 4227

For Sale New Anderson double hung window 33½x57 white Perma shield thermapane $100 M&W Turbo 20E 102 $145 Leb Co , 717-867 4944

Wanted Bull calves from Holstein cows bred with Black Angus bulls Berks Co , 215-582 3403

For Sale Three section harrow, JD 3pt disk like new, NI 4 steel wheel spreader for parts, 717 757 2960, York Co

Wanted Tranmission parts to 1010JD Crawler Serial No 29155+ Snyder Co , 717 374 8625

For Sale - Goat kids, good pets or good for Christmas dinner Call eves. 717-299-7280 Lanc Co

Wanted to Buy or Rent Dairy Farm in Potter, Tioga, Bradford or surrounding area Min of 100 Acres, Lanc Co , 717-653-1635

Wanted Used disk blades 12" to 16" For Sale - 4 yr old Morgan Mix, Must sell $500 00 Lanc Co , 717 354-5060

For Sale 4 Yorkshire and Landrace Cross Boars Service age Lanc Co , Warren Nolt, 717 656-9764

For Sale - Ashley Model 25 Airtight Wood burner, thermostat controlled, draft equalizer, used 2 seasons, excellent condition $150 00, Luzerne Co , 717-822-7820

For Sale - Meat slicer, Dayton, hand operated, $150 00 Luzerne Co , 717-287-3808

For Sale - One purebred Yorkshire Boar Service age - approx 7 mos Schuylkill Co , 717-648-0907

For Sale - 55' of 48 in corrigated pipe 717-244-4655 York Co

For Sale 1961 Scout equipped w/Wisconsin 60.5 hp Bidwell snow blower Also power-Angle blade Best offer Berks 215-488-6642

For Sale - New 2½ gal electric butter churn $45.00. Mt Pleasant Mills, Snyder Co 717-539-8562

For Sale - 50 gal drums $3.50 ea., Cast iron pipe 4-6-8 in in diameter, ¼ in. glass - 3'x8' - make offer, 717-582-4898

MAILBOX MARKET

For Sale - Mechanical Transplanter, like new Belgian, 3 yr old work horse Amos M Martin, New Holland, Pa RR1 Box 852

Wanted To Buy - M Ferguson 3 Btm roll-over plow Must be in good cond or better. 215-262-6478, Lehigh Cty , Pa

Wanted - 14 ft truck bed with good hoist Andrew Glick, Berks Co , 215-689-5037

For Sale - V-Type Snowplow, 3ft high, 9ft, wide, fits loader on tractor, asking $200, Chester Co , 215-932-4728.

For Sale - 1979 Chev ¾ ton 4 wheel drive, 4 spd Good condition Price $5795 717-345-8114

For Sale - 10-four hole per side Shenandoah Pig Feeders in Excellent condition - $200 ea - 717-362-3058 or 717 362-3245 Dauphin Co

For Sale JD MC crawler with blade New paint excellent condition, $2,600 00, Union Co , 717 922-1864 after 6 p m

Notice Free to good home 2 yr old sheep dog Lanc Co , 717 354-0689

For Sale 10 Grade Holstein Calves about 2 months old Excellent breeding & good records Lanc Co , (717) 548-2469

Wanted SS double tub in good condition For Sale 8 can milk cooler $200 00, Lanc Co , 717 665-7015

For Sale - Case model 230 baler, very good cond , uses plastic or sisal twine $750 Must sell, Lanc Co , (717) 354-7695

76 Plymouth Fury Station Wagon 72,000 miles Auto, air Rebuilt trans Front end damage Black, 717 656-7270 Lanc Co

For Sale Young French Angora rabbits and one gray rabbit adult male Various colors, only $10! Lanc Co , 717 786-2957

For Sale Reg Holstein heifer calves born 11 28-83 sire El A Ray Valiant Defiance-ET, born 12 10-83 sire Huff N Puff Respond ET 717 872 5663

Wanted Part or full time hired youth start Mar 1st, John A King 1230 Gypsy Hill Rd , Lanc Pa 17602

For Sale - NI No 7 Corn Picker in working condition, Husks clean asking $450 00 Will consider offers Bucks Co , 215-822-0537

For Sale Cute Eskimo puppies, $15 00 each Henry K Blank, 227 Maple Shade Road Christiana, R#1 Pa East of Kirkwood

For Sale - NH #8 self-unloading wagon, 3 beaters, no roof, good condition, $2500 00, 717-762-1926, No Sunday calls

For Sale - 1979 Mustang Excellent condition, Sunroof & Cruise Control, 302 Auto transmission, new radials stereo, 215-445 4272, Lanc Co

For Sale - Zook spreader, 3 calf hutches spring harrow Christ Hershberger, Hoover Rd., Kinzers, Pa 17535

For Sale - Jack Russel Terrier puppies Also Jack Russell Terrier adults. Excellent pets and hunters. Adams Co , 717-334-0400

For Sale - Portable Presto Tank with controls 4 & 6 QT Ice cream freezers 36' Wooden ladder, Lanc Co , 215-267-7049

For Sale - 1940 Chevrolet dump truck 17,000 lbs newly inspected Excellent condition $2,500 or best offer 215-395-5709 Lehigh Co

For Sale - NH 346 Tank Spreader, 717-437-2888 after 7 00 p m Montour Co

MAILBOX MARKET

Wanted - Microscope Must have battery operated light Call 717 862 3527, York Co

For Sale 1973 Mercury Montego four door, automatic, air, black, mechanically sound, some rust - repaired, 126,000 miles, interior - very nice, 717 933-4828

For Sale - Registered Polled Hereford Bull Proven sire 52/lb AC B112 Lawn & garden tractor w/42" mower, 717-866-4185, 215-589-2966

For Sale - 7-yr-old saddlebred horse, traffic safe & ready to go Jacob S King, 4177 Harvest Dr , Ronks, Pa 17572

For Sale - 7 wk old German Shephard pups $25 00, Write To David Beiler 452 Mt Sidney Rd , Lancaster, Pa 17601

For Sale - Inter Cub Cadet 1250 Hydrostatic, 42" cut Completely overhauled Lanc Co , 215 267-3280

For Sale Muscovy ducks (live) 80 cents lb , York Co , 717 225-3218

Wanted - Coleman Kerosene space heater, Model 666A, 35,000 BTU, Isaac S Fisher, 80A N Soudersburg Rd Gordonville, Pa 17529

For Sale - AC WC Tractor Good Condition, (717) 426-1941 Ext 259 8 a m - 4 30 p m

For Sale - 2 Boston Terrier pups - Both males ready by Christmas (717) 354 7423, Lanc Co PA

For Sale 4 15" white spoke wheels 6 Lug 11/15 tires mounted on above wheels Tires fair condition Lanc Co (717) 872-2775

For Sale - 10 New Stalls can be used for tie or free stalls w/vacuum and water line Northumberland Co , eves (717) 742-3183

For Sale - Inspected Bees and hive all wax, gloves, equipment for your honey for Christmas Allergic $200 Lebanon Co , 1 717-949-2238

For Sale Pump organ, Chicago parlor, walnut, eastlake ornate high back, manufactured 1889, Cumb Co , 717 243 5378 after 6 p m

For Sale 77 Chevy 30, 350, 4 spd , 21,700 mile, reading Body like new $8500 00, Corn fedder, Franklin Co , 717-762-4985

For Sale - Ferguson 3 P T P T O Buck saw, good cond , $250 00, 717-374 8831, Snyder Co

TRUCKS & TRAILERS

1977 Int. Loadstar 20' rollback sharp, 1972 GMC 20' grain body 28' aluminum dump trailer, priced to sell. 814-623-9696.

'82 Datsun King Cab pickup, 5 speed, AM-FM, $5600. '81 Chevy Luv, 4 wheel drive, diesel pickup, 4 speed, lockout hubs, 18,000 miles, $5800. 717-733-2873 or 733-4884.

1979 Ford half ton pickup, V8, power steering, 3 speed, 40,000 miles, clean, $3,495. 717-733-4422 Dealer.

TRUCKS & TRAILERS

Energy hydraulic truck hoist sales and service. Anderson's Repair Shop 717-244-2039.

For Sale - snow tracks, for your four wheel drive vehicle, fits sit lug wheels, go anywhere, like new. Phone 717-273-6018.

For Sale - 1963 GMC 6000, cab over, p.s., air brakes, with nine foot Stoltzfus lime body with booms, 32,000 GVW call 301-791-0020.

56 GMC truck, 21,000 gross weight, 5 speed trans., 14' steel bed. 717-244-2039.

'81 Chevy Luv 4 wheel drive diesel pickup, 4 speed, lockout hub, 18,000 miles, $5800. 717-733-2873.

1975 Ford ¾ ton pick up, with metal cattle racks, $2500, 717-626-6805.

70 GMC truck w/power lift gate, 12' Diamond plate body, new V6 305 motor, holds 8 ton. 201-637-4096.

1975 Ford F350, 4 speed, power steering, new tires, 360 V8 rebuilt engine, 9' stake body, 10,000 GVW, $2,600 Lancaster County, 717-859-3161.

Wanted - Used 8' E-Zee dumper bed for pick up, in any condition, Northern, MD, 301-877-7015.

'71 IH 1710B cargo star tractor, 11.00x22 rubber, good condition, best offer, 215-383-6818.

1969 D 1000 Dodge truck, 250 Cummins, recent overhaul, 10 speed Road Ranger, tandem axle, air condition and PS; 717-949-3074.

'83 Chevy Scotsdale, C10 4 wheel drive pickup, 305 4 speed overdrive, PS/PB, Rally wheels, running boards, 10,000 miles, like new, $9200. 717-733-2873 or 733-4884.

1972 GMC school bus, V6, 56,000 miles, immaculate, always garaged, owner operator, 201-735-8389.

For Sale - 9', 10', 19' wooden livestock bodies. 20' Morgan van body. M.H. Eby, Inc. Blue Ball 717-354-4971.

1978 Mac Cruise liner, COE, 300 HP, 6 speed transmission, engine brakes, wetline, new 11-24.5 tires, 341,000 miles; 1979 Liberty 28' aluminum dump trailer, 10.00x22 tires, new condition, 301-582-0751.

1970 Chevrolet C50, 16' steel dump bed, 350 engine, 2 speed rear, 21,000 GVW, 717-345-4882.

Two tank trailers, tandem axle, 5600 gallon and 6100 gallon, good rubber, $1500 for the pair, 215-343-2444, Buck Co.

1 Good Roads truck snowplow, $450. 717-244-7393.

Trailers for sale - 45x13'6" Brown, smooth sides, slider on 20. 40x12'6" Fruehauf, 20" tires, 45x12' Wilson livestock 20" tires. 40 Gindy open top, slider on 20. 40' Brown flat, slider on 22. Hydraulic cylinder for 24' dump. Propane cargo heaters. Storage trailers for sale or rent. Keens, 717-626-5420.

TRUCKS & TRAILERS

1979 16' General Gooseneck dump. All steel flatbed trailer with tandem axle and electric brakes, 3' all metal sides. $4,000. Salem County NJ. 609-935-4060.

TRUCKS & TRAILERS

'82 Ford F250 ¾ ton pickup, 300 6 cyl., heavy duty, 4 speed, PS/PB, dual tanks, two-tone paint, excellent condition, $7150. 717-733-2873 or 733-4884.

1978 W150, 4x4 w/Factory Snow Plow, 318 V8, 4 Speed.
1978 D150 SE, Like New, 318 Engine, Automatic, Power Steering & Brakes, 6100 G.V.W., AM-FM Stereo, Regular Gas.
1978 D150, SPRING SPECIAL 6100 G.V.W., Regular Gas, 400 C-I, A Good Tow Vehicle, One Owner.

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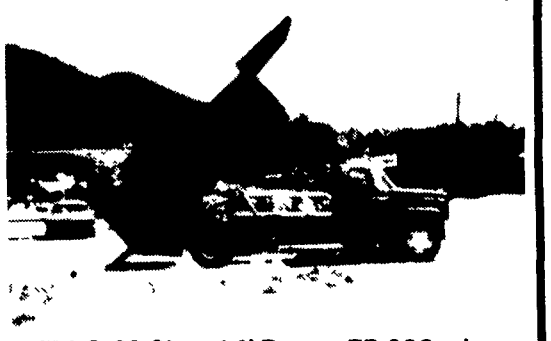

'74 C-60 Chev 14' Dump, 75,000 mi., new 900 tires, rear 4 speed 2 speed $6,500 Will trade.
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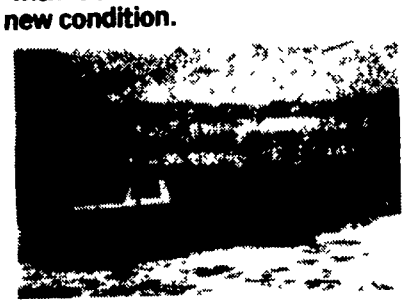
FOR SALE
1979 Ford extra heavy duty F-600, 361 engine, 5 speed trans., 10x22.5 tires, 21' box with deck over cab, 57,500 miles, like new condition.



717-324-2841

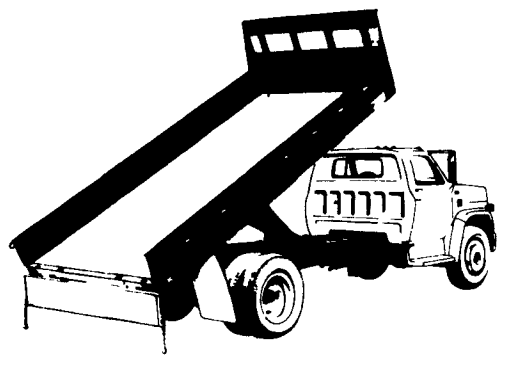
TRUCKS & TRAILERS

Wanted - Trucks and Storage trailers. We also buy trucks for parts and truck parts, motors, trans. and rears. Gas or diesel. Berks Co. 215-944-9871.

TRUCKS & TRAILERS

For Sale - 9', 10', 19' & 20' wooden livestock bodies. 20' Morgan van body. 20' van body. M.H. Eby, Inc., Blue Ball 717-354-4971.

Contractor Bodies
by OMAHA STANDARD



Rugged, all-steel 14" sides and 96" wide platforms Available with 28", 40" and 52" high heavy duty steel bulkheads with full width steel mesh windows Standard three-way express tailgate or optional double-acting tailgate with forward controls Swaged (indented) 3-light cluster in rear outrail for better light protection and appearance These tough, field-proven units, teamed with job-matched Omaha Standard hoists, are total working units, superior to any on the market

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w/18' grain body, 8.2 liter Detroit engine, 210 H.P., 5 speed transmission, 2 speed rear axle, P/S, air brakes, air lift axle, 2 air seats, 1000x20 tires, 18' Parkhurst Grain Body, 52" sides, rear chute, 30 ton hoist, "Like New"

1978 International 1750, 218" WB, DT-466, IH diesel engine, 5 spd., rear axle, tilthood, 1000x20 tires, 26,500 tag

1978 International 1700 C&C, 404 gas engine, 5 spd., 2 spd. rear, p/s, air brakes, 900x20 tires, 23,600 tag

1970 Fruehauf 24' alum. dump trailer, bath tub type, 1000x22 tires.

1970 city 30' alum. dump trailer, 1000x 20 tires, "Very good shape."

1978 Pete Bilt COE, 3406 CAT, 325 H.P. (out of frame overhaul) 10 spd., 11-24.5 tires, 4 spring susp, (w/ warranty on engine from CAT)

1977 utility 42' reefer, 13' high, sliding tandem, 11-24.5

ASK FOR LARRY OR KELLY
Open Daily Till 9 P.M.
Saturday Till 3 P.M.

TRUCKS & TRAILERS

STORAGE TRAILERS AND OFFICE TRAILERS for rent, economical, delivered. 301-771-4529.

1978 International 1750, 466 diesel, 5&2 speed, PS, double frame, 10:00x20 tires, 187" wheel base, 28,000 GVW. 1979 International 1854 S model, 466 diesel, 5&2 speed, PS, double frame 236" wheel base, 27,060 GVW. 1978 International 1800, 446 V-8, 5&2 speed, PS, extra long frame, 254" wheel base, 28,060 GVW. 301-877-9889.

1974 IH CAB OVER 4070A, 13 SPEED TRANSMISSION, 318 DETROIT DIESEL, PS, SLIDING 5th WHEEL, GOOD RADIAL TIRES
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For Sale
64 Chevy 21,000 GWV, 43,000 miles
70 Chevy 17,000 GVW, 19,685 miles
no rust
717-225-3616

REAL ESTATE

Wanted to Buy - A farm in Cornwall or surrounding area, beef, hog setup. Owner financing. 717-249-6410.

Want to rent: With a possible option to buy 50+ or - acre general farm, Carlisle, PA area. 814-698-2400.

For sale by owner: Mini-farm, 49½ acres, ⅔ in grass, 1500 ft. road frontage, convenient, beautiful location, S. of Lynchburg, Va., Campbell County, $75,000. Terms. 804-283-4752 after 6 PM.

For Sale - 188 acre hog or beef farm, some of the best level land in NY state, 40,000' tile, 5 miles from Geneva, Central Finger Lakes, new class 4 house new 54x72 Morton Building, new 20x40 hi-moisture silo, dryer, 30,000 bushel grain storage, 2 set buildings, trailer, trailer site, one barn 166x36 basement, there's more, $650,000-terms. 315-585-6394.

Wanted - Farm with limestone soils between state college and Bedford, Phone 215-383-5494.

Secluded 126A Juniata County cattle or small dairy farm, large barn, three silos, two spring developments, stone and log house. ¾ mile creek frontage, partial financing, price negotiable, owner will stay on as caretaker or will lease back, 717-734-3705.

Shenandoah County - Two adjoining farms with two 20x60 harvestores. Will sell all or part. 703-459-3682.

For Sale by Owner - 155 acre farm, ½ tillable, Steuben Co., near Rexville NY, all season road, ponds, excellent springs, house, 2 car garage, $80,000, terms, 814-334-5628, eves.

"A 200 acre dairy farm will be available March 1, 1984 in northern Harford county Maryland, with approximately 110 acres tillable, house and some machinery available. Small herd presently being milked in parlor. We are interested in having someone with some machinery and cows to farm on a percentage agreement." Send Replies to Lancaster Farming, P.O. Box 366, D-102, Lititz, PA. 17543.

Wanted - Dairy farm to rent for Spring 1984. 717-653-4420.

For Sale - 4 acre farmette in Franklin Co. brick rancher, 3 bedroom, 1½ baths, fireplace, full basement, large patio. Block barn with workshop, $70,000. 717-328-3836.

REAL ESTATE

Dairy Farm - 101 acres, Northampton Co. Modern 62 tie stall barn w/pipeline, and bulk tank, 2 Harvestores 20x80 and 20x30. 2 barn has 9 stalls w/barn cleaner and 10x30 stave silo, good for replacement animals. Large farm house and other out buildings. By owner 215-588-5742.

Farm for rent - 70 A northern Lancaster Co., $625 per month. Call 717-733-3980.

Farm for sale by owner, 85 acres, well drained limestone soil, 80 tillable, new home, barn out buildings, over 1 mile road frontage, near Turbotville, Northumberland Co., $150,000, 717-649-5992.

For Sale - 114 acre dairy farm in Nittany Valley. Ready to go. Room for expansion. Buildings in very good condition, Write to Lancaster Farming, P.O. Box 366-D-99, Lititz, PA 17543.

GROW X-MAS TREES Ideal 125 acre farm, 6 miles south of Carlisle, owner financing, low down payment, balance 9%, 717-677-6753.

Farmhouse for rent - completely remodeled, 2 bedrooms, 1½ baths, bank barn, 37 acres, York Co., $500 per month, 717-764-0022.

Farm for rent - approximately 500 acres, all tillable or pasture ground, situated on 2 farms with main farm equipped with 12 cow milking parlor fully equipped, plenty of buildings, barns and or for storage, 2 houses located near Hagerstown MD, 301-733-1856 between 10 and 8.

98 acres of level land, large bank barn, 2 houses, $120,000. 717-392-1177.

Rent 60 acres for crops, animals, storage, camp, etc. along Pequest River, Great Meadows, NJ. Fine soil. 201-455-1237.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LANCASTER FARMING, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA. 15044.

Wanted - Small slaughter house for dogfood company. Contact Wayne Taylor at 215-692-6476.

REDUCED TO $69,900! 63 Ac. Farm, 7 rm. 2 sty. home, 2 barns, outbuildings, Snyder Co.
CENTRE CO. Acreage: 66 Ac. $30,000; 267 Ac. $100,000; 333 Ac. $130,000. All Wooded & Adjoining State Forest.
SNYDER CO., 2½ Ac. on Susquehanna River w/Residence & Auto Repair Garage, ASKING $67,900.
JUNIATA CO., Wooded 235 Ac. of land, ASKING $130,000.
PERRY CO., 185 Ac., Handyman 2½ sty. home, 8 rms., barn, outbuildings, stream, road frontage, $110,000.
JUNIATA CO., Wooded 10 Ac., 2 mobile homes, ASKING $35,000.
SNYDER CO., 146 Ac. Farm, 8 rm. 2 sty. home, barn, outbuildings, Mahantango Creek frontage, adjoins State Game Lands, ASKING $115,000.
PERRY CO., Wooded 8 Ac., 4 rm. cabin, stream, $24,900.
PERRY CO., 41.7 Ac. Farm, 2½ sty. home, 4 BR, bath, elec. heat, woodstove, barn, outbuildings, stream, $105,000.
PERRY CO., Perry Valley, 92 Ac. Farm, 2½ sty. home, 4 BR, bath, barn, outbuilding, stream, ASKING $160,000.
PERRY CO., 79 Ac. Farm, 4 BR 2½ sty. home, 1½ baths, oil heat, summer house, barn, outbuildings, stream, $190,000.
FRED VLASEK REAL ESTATE
2010 Market St.
Camp Hill, Pa. 17011
Ph. 717-761-4185

REAL ESTATE

150 ACRE LIMESTONE FARM 4 bedroom brick house, 60x120 bank barn with 40 stalls and Surge pipeline milkers, 1977 20x70 Fickes Silo, Located near Walnut Bottom, PA. Contact R.L. Simons and Associates, 717-249-5555.

Wanted: Hill facing south for single house. On land of small use to farmer. Within 10 miles of Lancaster. Cash paid. Write Schreiber, RD 1, Box 370, Stevens, PA 17578.

"FLAWLESS" In every appointment..superb workmanship, material and design...brick tri-level...4 to 5 bedrooms, fireplaced living and family rooms, 3 finished baths with one waiting for the finishing touches, elegant dining room, cherry cabinets in sunny eat-in kitchen, 2 car garage. All situated on 14 private acres. $139,000. C-9 Broker Co-operation Invited. 607-962-2401.

For Sale by owner - Newly constructed (2) two bedroom cabin, Mifflin County on ten acres of ground access to state game land. Call 717-527-4694.

St. Petersburg Florida house for winter season or by year. Completely furnished 2 bedroom, w/w carpeting, central heat, fruit trees. 215-754-7316.

100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture postcard setting. Valley inside a mountain. $69,000. 215-754-7316.

For sale by owner - Finger Lakes Region, New York State, Yates County dairy or cash crop farm, level to slightly rolling 260 tillable acres, good corn and alfalfa soil, dairy barn w/comfort stalls, pipeline, 2 silos, heifer barn w/silo, Butler machinery shed, modern 10 room home, buildings in good repair. 716-554-3487.

Farm for sale - located on Rts. 522, Decatur Twp., Mifflin Co., approx. 91 acres, 75 tillable, two 2 story frame houses, bank barn, ideal for Christmas tree plantation, orchard or farming. Priced to sell. 717-374-9125 evenings.

35 acre farm. Penn Township, Cumberland Co., Pa. Limestone soil. Barn and outbuildings in excellent shape. Fenced pasture. Remodeled two story house. Many extras. Revere Real Estate 243-9200. For more details or evenings Stan Spencer (717) 776-3855.

199 acre farm on Marion Road. Old stone house remodeled, large bank barn, Lancaster silo and other outbuildings, Robert F. Crider, 717-264-8258.

For Rent - 600A corn land, good loam soil. Northern Lancaster & southern Dauphin Co. $85 per acre. Reply Lancaster Farming, P.O. Box 366-D-98, Lititz, PA. 17543.

Real Estate for Sale by owner. Beautiful wooded 2 acre lot, 3 bedroom rancher, kitchen, large living room, full bath and laundry, finished basement, 1 car garage in basement. Separate 2 car garage. 717-776-7555.

REAL ESTATE WANTED - Wanted: N.Y.S. dairy farm with 5 houses or more. Phone 716-454-4235.

FARM FOR SALE - 91 acre dairy farm, RD#2 Annville, Lebanon County Penna. 31 stalls, milk house, implement storage bldgs, long macadam lane, nice 2½ story vinyl sided farm house, 60 acres tillable, 22 acres fenced, pond, a real showplace for $230,000. Call Realtor-Auctioneer Nelson Ebersole, 717-867-5221 SUBURBAN REALTY, 717-273-9358, 30 West Main St., Annville, Pa. 17003.

REAL ESTATE

For rent - Small 1st class dairy facilities, Eastern West Virginia, Baltimore Washington Market area, 5 year lease with ample feed available on a cash basis - an opportunity to start a dairy without high start up costs of machinery, facilities, or land. 304-263-2491.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. Lancaster Farming, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA. 15044.

96 Acre Dairy Farm, Oxford area, good house, bank barn, equipment shed, $250,000. Hayes Oxford 215-932-3092 - evenings call Jack 717-354-9534.

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

Farmette, 12.66 shares, for sale by owner. 717-259-9983.

Log cabin located in the mountains of Central Pennsylvania, excellent hunting and fishing available, located 3 miles northwest of Belleville, off Rt. 305 near Greenwood State Park. Two parcels of land included. One tract being of the dimensions of 75' x 101'. The other being 300' x 124'. Water available on property. Bids being accepted immediately. Mail bids and inquiry to Archie D. Stuck, 127 E. Main St., Belleville, PA 17004. Bids must be postmarked no later than Aug. 8, 1983. The owner reserves the right to reject any or all bids.

FRANKLIN COUNTY - dairy and general farms, Kuhns Real Estate, Inc., 717-597-8300. Roger Wildeson R.E.S., 717-263-5702.

Farm for rent - 40 acres, modern house, barn and work houses, Lancaster Co., 6 miles from Ephrata, 215-562-4820.

Farm for sale by owner - 140 tillable acres, 40 acres wooded, good flat Klinesville soil, lots of frontage on hard road, Columbia Co., write to Lancaster Farming, PO Box 366-D94, Lititz, PA 17543.

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

BEKRS CO. POULTRY FARM

50 acres, 35,000 capacity layer house, big Dutchman Equipment, fully automatic, 12x60 2 bedroom mobile home, hay making and clean out equipment included, 215-562-7776

CATALOG OF FARMS
Free Catalog #56
List 100's of Dairies, Farms, Businesses and Recreational Property
FREE - Call or Write Today!
AMERICAN FARM DIGEST
3546 WATSON RD
ST. LOUIS, MO. 63139
1-800-325-9943

221 ACRE FARM

2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake. Price greatly reduced for a quick sale. Owner financing.
607-243-8669

FOR RENT

290 Acres M/L
Limestoen Soil
Near Carlisle, PA

717-249-2300

Grain Storage & Drying Available

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266 pages; over 5000 properties, 2000 pictures! Values in every type of real estate, many owner financed! From 600 offices in 43 states. Get your FREE copy NOW! STROUT REALTY, P.O. Box 773A, Dept. 6490, Harrisburg, PA 17102. Call toll free:

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BERKS COUNTY!

★ **150 Acre Modern Beef Farm** with feedlot for 400 head. 2 Harvestores 25'x90' and 20'x70', slurrystore 16'x 62', 140' 4 lot bunk feeder, equipment shed and much more. Call for details.

★ **140 Acre Beef Farm** consists of 2 adjoining farms with large feedlot (1,000 head per year), 3 silos, 2 Harvestores, 1 conventional, beautiful stone home Call for more details!

Call **CARL JOHNSON**
215-367-6160

★ I Need A Few Good Dairy Farms In Berks, Lebanon and Nearby Counties!

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Schuylkill Office
215-398-2559

SOLD...

- ★ 158 Acre Beef Farm, Lehigh County
- ★ 189 Acre Dairy Farm, Wayne County
- ★ 37 Acre Horse Farm, Lehigh County
- ★ 75 Acre General Farm, Schuylkill County
- ★ 19 Acre Horse Farm, Lehigh County
- ★ 144 Acre General Farm, Berks County
- ★ 115 Acre Dairy Farm, Wayne County
- ★ 65 Acre General Farm, Schuylkill County
- ★ 131 Acre Beef Farm, Berks Co.

These Are Some Of Our Recent Farm Sales! We Need Additional Listings...

If You Are Thinking About Selling A Farm, Please Call Us!

All our farm agents own and operate their own farm.

GARY COLES - FARM & LAND BROKER

---

90 acre Lancaster County dairy with pipeline for 30 stanchions & 32 free stalls, 2 Harvestores, large workshop & implement shed, 2 story, 4 bedroom frame house w/modern bath & kitchen. Large tobacco shed & sandy loam soil. Big price reduction.

44 acre beef farm, zoned R1, 33 ta, stream through pasture, very nice 4 bedroom farm house bank barn & corn barn, $125,000.

93 acre beef farm, frame house and 4 car garage.

37 acres woodland, w/nice rancher. Call Mr. Baum.

Nice 50 cow dairy on 137 acres, 100 tillable acres. Stream and pond in pasture. 2 barns, beautiful house.

150 acres, 102 tillable acres, 40 woodland, nice level land, ideal for investment, $1200 per acre.

24 acres for hunting cabin in Bloomsburg area.

30 acres for hunting cabin, McVeytown area.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum, Carlisle, 717-776-3967
Harlan Keener, Willow Street, 717-464-2669
Mahlon Oberholtzer, Lancaster, 717-392-1177

Broker-J Irvin Denlinger, 717-898-8962

SOUTHERN NORTHUMBERLAND CO. & SURROUNDING COUNTIES

150 acre, 115 acres tillable, 200 steer feed lot, silo, 10,000 bushel grain storage, 125x30 machine shed, 2 nice homes, $199,000. Call Peter.

70 acre new 100' modern hog setup, 50' Harvestore, large machine shed, large bank barn, 30,000 bushel grain storage. $65,000 home. Appraised for over $250,000. Sale $129,000. Call Peter.

102 acre farm, 65 tillable, 4 bedroom home, barn, pond, stream, $139,000. Call Peter

60 acre farm, lg. home, wood or oil heat, bank barn, small orchard, $69,000. Owner wants to sell, make offer. Call Peter.

137 acres, new horse stable, butcher shop & machine shed, large bank barn set up for sheep, pasture w/pond, 60 tillable, $150,000. Call Peter

600 acre farm, 400 tillable, large grain setup, $850,000. Call Peter.

400 acre farm, beef & broilers, 390 tillable, $800,000. Call Peter

400 acre grain and vegetable farm, large quantity of water for irrigation, new barns, extra nice home, 220 tillable, large quantity of low rent ground available, $500,000. Call Peter.

50 acres of farm and woodland, stream, $39,000. Can be bought with no money down. Call Peter.

PETER B. CORTELYOU
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman
717-692-2587
Ralph has country homes and taverns.

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

WIMPLE REALTORS
STATEWIDE FARMS

"STOCKING STUFFER"

YOUR WIFE WILL LOVE THE HOME. you'll love the land on this 159 acre farm near Cooperstown with 140 acres tillable Large, easily worked fields with high alfalfa & corn yields Barn milks 40 with ample room for heifers, has dumping station, Patz cleaner unloading silo & mow elevator Beautiful Split level ranch home has 3 bedrooms & 2 full baths Panoramic views over other prosperous farms Price INCLUDES 60 cattle 3 tractors and full line of machinery for ONLY $181,500 with $60 000 down CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

FOR RENT

710 acre Prime York County Farm land.

Lease all or part - 50 to 200 acre tracks. Best offer, over $100 per acre with January 1, 1984 payment. Interested party Reply to Lancaster Farming, P.O. Box 366, L-06, Lititz, PA 17543.

TIOGA COUNTY
DAIRY OR FARMETTE

Farm set up in Liberty area for Dairy. Remodeled like new 40 cow barn, w/barn cleaner & 16x50 silo. Could be purchased with or without glass pipeline, silo unloader & Mueller Bulk tank. Tastefully decorated 2 story farm house w/central oil heat. Country kitchen w/woodstove, some hardwood floors, 4 or 5 bedrooms, spacious living room. Could be retirement getaway. W-777 $70,000

83 ACRE FARMETTE IN MORRIS TOWNSHIP

Used to be dairy until barn recently burnt. Nice partially remodeled 2 story farm house, 4 bedrooms, country kitchen, dining room, family room & bath. Has tremendous views behind house and from other parts of property. Includes heated workshop. Could be subdivided into 2 or 3 parcels if necessary. Excellent hunting area, close to State Lands, could be summer house or camp. W-768 $73,500

CHESTER COUNTY
STONE BARN

Stone barn in A-1 shape on 6 acres + with pond. Part-wooded, some open. Easy access, but not on major Route. Could be remodeled for home or use as horse barn & build your own home. Morgantown area. Ask for Judy — 724-5921 or 724-2773

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THE REAL ESTATERS OF WELLSBORO
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717-724-5921
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SCHUYLKILL COUNTY FARM

Fantastic farm house remodeled five years ago - 2 full baths, large modern kitchen - family room with fireplace - LR, DR, much more

Outbuildings: Large barn, 3 car garage, summer kitchen - pig pens, brooder house, chicken pens and more

Land: 62 acres mostly level with stream & pond

Location: Prime farm land in Washington Twp, Southern Schuylkill County

Price $125,000

For more info contact
Sterling "slim" Brossman Farm and Land Specialist with
FRANK GOWNLEY REALTORS
Fairlane Village Mall
Pottsville, PA 17901
Office - 717-622-0190
Residence - 717-754-7343

BEDFORD COUNTY

Horse Farm - 62 acres M/L, 8 room Tudor style house, 2 ponds, 2 barns, tack room, workshop kennels, a real nice property, owner financing available

Farmette - newly remodeled 1½ story house on 18 acres M/L garage, new high tensile fencing on property, ready to go, owner financing w/low down payment, $48,000

General farm - 186 acres M/L, approx 80 tillable plus 10 acres pasture good general barn, shop and chicken house, 4 bedroom home secluded and bordered by State Game Lands on two sides $170,000

Dairy farm - 140 acres M/L, 95 acres tillable, 15 acres pasture, 2 story 4 bedroom house in excellent condition, bank barn w/60 tie stalls 12x40 silo 40x55 machinery shed 25x55 garage, several other outbuildings, buildings and crop ground in excellent condition, cattle and machinery available

Gerald B. Slick Real Estate
Roaring Spring, PA 16673
C.J. Furlong
814-784-3227

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania. We have over 50 exclusive listings.

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you.

See the December 10 and January 7 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705 (Louisburg) Larry W. Platt (717) 589-5863
Don Myers (814) 422-8111 (Bedford) Richard B. Reed (814) 839-4271
Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & ASSOCIATES Realtors

Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
Ralph F. Brewer, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

PERRY COUNTY

GENERAL FARM - 130 acres, 100 tillable. Lots of road frontage, stream, large bank barn, 1800's stone home. Owner financing possible, asking $155,000.

FARMETTE - 18 acres, remodeled 2 B.R. home, small barn. Excellent hunting, perfect for horses, $48,500.

FARMLAND TRACT - 59 acres, 10 woods. Close to Carlisle. Ideal for nursery or development. Asking $1400/acre.

WOODLAND - 110 acres, plain area. Best hunting in Perry Co. Near State Lands. $800/acre.

JUNIATA COUNTY

SPORTSMEN! Acreage and bldg. lots with hard road and creek frontage. 2 to 100 acre-PRICED RIGHT!

Neil Wingenroth, Agent
717-536-3236
FRED E. MORROW REAL ESTATE
New Bloomfield, PA
717-582-8616

LEBANON COUNTY
FARM FOR SALE
95 ACRE DAIRY

Parlor, silo, 10 room house, beautiful kitchen

Call or Write
H. John Martin,
RD 2,
Annville, PA 17003
717-865-3281

Farms For Sale

New Castle Co, DE
395 acres,
$690,000
Cecil Co., MD.
20 acres, $50,000
41 acres, $87,500
Kent Co., MD
91 acres, $212,000
264 acres,
$595,000
very good buildngs
Queen Anne Co., MD
141 acre dairy farm,
$280,000

Cooper-Barroll Realty
301-648-5593
Galena, MD 21635

WALK-IN FARM VALUE... 113-acre N.Y. farm comes with 32 milk cows, 18 head young stock, 2 tractors, milking equipment INCLUDED. 40x64 7-yr. old barn, 32 ties, milk house. Remodeled 5 br colonial home. 55 acres tillable, creek. On U.S. hwy. Can't last at $98,000, good terms. Call or write for free catalog. UNITED FARM AGENCY, INC., 612-RLF West 47th St., Kansas City, Mo. 64112. Ph. Toll-Free: 1-800-821-2599.

SNYDER COUNTY

60 acre general farm, can be used for either steers or horses, buildings consist of house, bank barn, barn full of hay and oats, all equipment included in this sale. Level land with stream. Possible owner financing All of this for $150,000.

LEOLA REALTY
127 W. Main Street
Leola, PA
717-656-2281

NEW LISTING OF A SOUTHERN END LIVESTOCK FARM

Farm includes 130 acre tillable lane (Chester Soil), 40 acres woodland and farmstead, restored stone farm home, 100 sow farrowing house and a 250 pig fattening unit, 2 Harvestores and a Slurry Store, 1 concrete stave silo, steer barn w/concrete floor and lot. Also a 2nd floor storage area. Cement block potato celler and a 10,000 breeder flock laying house. This Southern Lancaster County farm is listed for a quick sale Call for a showing and details today!

FREDD-EDDY Realty, Inc.
Quarryville, PA
717/786-3356

REAL ESTATE

Franklin Co. Farms

268 acres modern dairy w/double 6 parlor, 210 free stalls

157 acres dairy, 36 tie stall barn & loafing barn, $157,000

105 acres general farm w/lovely home, make offer

95 acres grain farm, excellent land, modernized brick home

Also 100 acres of open land near Gettysburg w/70 acres tillable

VanCleve Real Estate
Phone: 717-392-3032
anytime

---

205 acres near Boalsburg, Centre County, 155 acres high fertility crop land, 20 acres established alfalfa, frontage on State Route 45, 10 room 2100 sq. ft. brick residence, two story bank barn with attached loafing shed, new 22x48 metal frame machine shed, new 20x60 concrete stave silo with 60 foot automatic bunk feeder. Present use beef, complete outbuildings all in good condition. Attractive setting with beautiful view in all directions. Asking price $450,000.00. Available Financing. REAL ESTATE CENTRE, 814-237-1150, Miles Clevenstine, realtor, farm representative, 814-383-2755.

REAL ESTATE
CENTRE
2212 NORTH ATHERTON ST
STATE COLLEGE, PA 16801

WANTED

Farm in Honeybrook Elverson Area

NORTHUMBERLAND CO.

Dornsife, Pa.

Nice 3 bedroom house dishwasher, electric range, more than 14,000 sq ft chicken house, 1st floor concrete, ideal for pigs or steers, elevator, heating system in part, frame bank barn, work shop with daylight basement, 2 car garage on 2 acres East of Dornsife Rt 225

S. LYCOMING CO.

213 ac dairy farm, 130 ac tillable, 62 stanchions, space for 65 more, 133 freestalls, liquid manure pit, 3 lg silos, 4 wagon sheds, stock and eq can be bought Will sell owner financing

MANHEIM

Lancaster Co.

60 ac general farm, 8 ac pasture w/stream, stripping room & cellar

NITTANY VALLEY AMISH AREA

112 acres general farm limestone 60 acres farmed more can be farmed 28 acres pasture owner financing $165 000

Donald R. Witwer,
Broker
Ephrata, PA
717-738-1458

REAL ESTATE

GETTYSBURG AREA FARMS

112 ACRE FARM - With large pre-Civil War home, perfect for restoration. Private setting with one-third mile road frontage. 110 tillable acres. Masonry dairy barn, brick bank barn, silo and outbuildings. $225,000 (#10022)

25 ACRE FARMETTE - With excellent home and buildings, 2 ponds and stream, needs that gentleman that wants a small beef herd and doesn't want the old farmhouse but a modern ranch home to please the little lady. $145,000 (#9807)

GENTLEMAN'S FARM ON 56+ ACRES - Mostly open and tillable with pond on property. Private lane leads back to this 2½ story farmhouse and barn. $99,500 (#11735)

MARSHALL L. MILLER, INC. REAL ESTATE
717-334-6283 or
Outside of Adams Co.
Call 1-800-443-2781,
Ext. C-53

REAL ESTATE

NORTHCENTRAL, PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

72 COW DAIRY FARM

50 tie stalls, 1 pipeline with 22 ready to hook on, additional 20 heifer stalls, 20x60 and 60x50 silos with unloaders. Approx. 188 acres all but 40 tillable or pasture, pole barn and shop machinery shed, totally remodeled 5 bedroom home. Existing FHA 5% loan for $95,000. Priced at $179,500. M-532. PH: 717-662-2138.

NEW DAIRY LISTING

100± acre farm in Tioga Co. 36 large Holstein ties & room for 22 heifers & more. 2 concrete silos w/unloaders, 600 gal. bulk tank w/dumping station. Nice 2 story remodeled 5 bedroom house. Just $99,000 M-514 PH: 717-662-2138.

The Real Estaters

Offices: Area Code - 717
Tioga, Potter & Bradford Counties call or write
MANSFIELD, RD 1, Box 41 662-2138
TOWANDA, Bridge St 265-3171
OUR #1 AIM IS SERVICE

LANCASTER COUNTY DAIRY FARM

READY-TO-GO operation with 40 comfort stalls, pipeline milk system, silo, implement shed, modern 104 head veal calf barn, modernized four bedroom farm house, all facing south overlooking 3 ponds and end of paved lane on 105 acres of chester loam soils, with 70 tillable and 30 in pasture. Priced to sell at $4,000.00 per acre.

Over 20 other Lancaster County farms for sale of all types and sizes. Call for details today.

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REAL ESTATE

SHOPPING FOR A GREAT FAMILY DAIRY?

Well check your list with these ingredients:

- ☑ **226 acres, 195 tillable, high lime soil**
- ☑ **Modern 19 year old, 51 Stanchion barn with additional ties for young stock**
- ☑ **Brand new 2" Universal pipeline, new vacuum system, new compressor, hot water heat recov., 800 gal. tank**
- ☑ **50 top eastern bred holstein projected to 19,000 lbs. plus 10 bred heifers and 26 young stock**
- ☑ **3 tractors including International 686 with loader and long line of modern equipment**
- ☑ **New 20x60 silo, 2 machine sheds, complete feed inventory**
- ☑ **Super 6 bedroom home, aluminum siding, new kitchen and remodeling**
- ☑ **Owner financing with $60,000 down. Name your own terms**
- ☑ **Move in immediately. Ill health forces owner to sacrifice this super package for $255,000.**

Farm and Rural Property Specialists
Homestead Realty
Auriesville Road RD 1
Fultonville, N.Y. 12072
518-922-6301

OPERATING DAIRY GENERAL FARMS OR FARMETTES

Small vegetable farm possibility, stream, spring, 21 acres ½ open land, remaining woods, large 2 story, 2½ bath, 2 stairs, wood w/oil HW back-up heat, well insulated home, older barn, needs work, quiet setting, short drive to turnpike & 222 By-Pass. Lanc.-Berks area. New Listing.

Gentleman Estate southeast Lanc. Co., 67 ac., lovely 6 bedrm. modern home w/fireplace, stream, half wooded, owner financing.

Buck area, 79 ac., no buildings, motivated seller.

Short drive out of Lancaster Co. (west of Buck), 135 ac. high corn yielding soil, large stone home w/character.

Lancaster Co. operating modern dairy farm. Clean and ready to move on. Over 90 ac. good producing ground. Nice dairy set-up w/46 Stanchions and Box Stalls, 850 gal. tank, pipe line, Heifer Barn. Lot of road frontage. Modernized Stone Home. A must to get details on this one!.

140 ac. abundant spring, gravity fed to bldgs., fine 2 story, 2 bath home, pleasant setting, Mennonite School & Churches nearby. McAllisterville area, Juniata Co.

FOR THE HARD WORKING FARM FAMILY

West of Lancaster, beef, hog, veal and tobacco sheds, make this a very special general farm. Colonial 1880 brick exceptional home. Be sure to call for information.

1¼ hour northwest of Lancaster area, big value, 100 ac. w/many buildings.

15 ac. woods, stream, view, handyman deer special, 2 story comfortable home, 2 car garage, commute to Harrisburg. Priced mid 30's.

Small starter dairy w/76 stalls, pipeline, 3 silos, operating, southern Tioga Co.

189 wooded ac. along Penns creek, $84,900.

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REALTORS
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Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

REAL ESTATE

FARM AVAILABLE NOW

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

PENNA FARMS
CUMBERLAND CO.

Dairy Show Place - 156 acres Hagerstown limestone soil, 44 tie stall barn w/pipeline milker Patz stable cleaners, 1000 gal bulk tank, 16x50 sealed silo w/bottom unloader, 44 free stall barn w/64' feeder, 20x60 silo implement storage beautiful stone and frame dwelling, 20x40 inground pool, a dairy family's dream farm plus 12x60 mobile home for hired he'p

176 Acre Dairy 100 crop acres, 40 tie stalls manure pit 2 silos, implement storage modern 4 bdr brick dwelling

19 Acre Farmette, bank barn, 2 story frame (alum siding) 4 bdr dwelling, fully insulated oil hot water heat, stream

FRANKLIN CO.

160 Acre Hog farrow to finish lagoon 95 tillable acres farm pond road frontage 4 bd brick dwelling

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

CENTRAL PENNA. FARMS

ADAMS COUNTY

126 Acre Beef, modern frame house, 20x60 silo, large implement shed, nice stream. Call Mr. Niesley.

CUMBERLAND COUNTY

208 acre limestone dairy, 400 cow capacity w/double 8 parlor, 7 silos, modern house. Call Mr. Niesley.

75 acre dairy, housing for 30 cows, tie stall setup, silo, modern frame house. Call Mr. Niesley.

33 acres secluded, 20 wooded, stream. Call Mr. Niesley.

10 acre farmette, 9 room modern brick house and bank barn. Call Mr. Niesley.

55 acres open land, Duffield soil, lot of road frontage. Call Mr. Niesley.

JUNIATA COUNTY

60 acres of timberland. Call Mr. Benner.

7.3 acre farmette, modern 2 story frame house w/attached garage, small barn and other buildings, stream thru pasture. Call Mr. Benner.

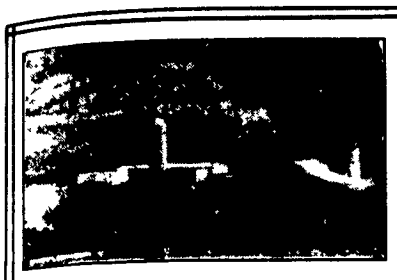
MIFFLIN COUNTY

118 acre dairy, 50 freestalls, liquid manure, 3 silos, modern 2 story log & frame house w/swimming pool. Call Mr. Crawford.

PERRY COUNTY

5 acre farmette, bank barn, modern 2 story house. Call Mr. Benner.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787
RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125



WILLOW SPRINGS

838 Acres Between Lexington and Staunton Cattle breeding/steer feeding operation with 200 cow/calf capacity at Brownsburg Automatic feeding systems with two 600-ton silos & covered bunkers 18 ft grain bin and dryer sheep barn machine shed Modern 2 story brick home on ridge overlooks valley Two tenant houses Numerous springs branches plus 3 acre lake

$835 000

LITTLE RIVER

383 Acres River bottom farm between Lexington and Staunton with approximately 220 acres in open and improved pasture and cropland Two feeding barns with attached sheds granary and shed two silos scales kennel and other miscellaneous equipment and farm buildings A fine 8 yr old brick residence overlooks farm and surrounding game filled moun tains

$375,000

SPRING BRANCH

197 Acres A well maintained Valley farm near Lexington with an unusually fine balance of pasture hayfields and cropland in 101 acres the remaining acreage in hardwood forest Spring Branch' flows through the center of the farm The eight room farm house is surrounded by maples Large barn granary and several out buildings

$167,000

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Accredited Farm and Land Broker
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Auction or Brokerage?

It is your option when you call us. We will explain both plans and then you choose. No obligation.

SANFORD G. LEAMAN
Assoc. Broker & Auctioneer

BERKS CO. 150 ac. modern dairy 2 lg silos lg new. imple shed, farrow house, lg stone farm house, 2nd set of bldgs w/stone farmhouse

NEW LISTING.

NORTHUMBERLAND CO 200 plus ac modern dairy farm, capacity for 185 cows, 12 unit milking stable with automatic take off, 2 sets of buildings, high state of cultivation One of the most beautiful farms in Northumberland County Call for details

SNYDER CO. 72 ac general farm or produce truck farm, large brick house, barn, silo, etc Priced for quick sale with February possession

ADAMS COUNTY
75 ac 55 cow comfort stall w/pipeline 20' x 70' silo, pond, 5 bedroom home

YORK COUNTY
Restored farmhouse, bankbarn w/sheep pens & housing, 53 ac total w/30+ tillable, lg spring fed pond

DAUPHIN COUNTY
54 ac w/36,000 broiler operation could be layers w/cages farrowing pens in bankbarn Good horse farm possible

LANCASTER COUNTY
42 ac w/creek frontage for irrigation, bankbarn, tobacco shed, ideal as a produce farm
114 ac w/modern free stall barn, 12 cow milk parlor, 2 Harvestores & 2 stave silos, lg pond, rented ground nearby, ranch home and more

LYCOMING COUNTY
24' x 70' silo, 66 comfort stall bank barn impl shed, 284 ac w/160+ tillable, 2 5 bedroom houses, priced rite

UNION COUNTY
120 ac beef farm, lg bankbarn, grain bins, frame home, dairy poss Owner fin
75 ac w/102 free stalls, 10 cow strip milk stable w/pipeline, partially remodeled home, impl shed, plenty of rented land nearby
230+ ac modern dairy barn cleaner, pipeline, lg brick home, modern out bldgs , owner fin in Mennonite area
120 ac free housing dairy could be comfort stall barn lg modern home

PERRY COUNTY
Amish area 68 ac no bldgs Bldgs and additional land rent poss Bldgs set up for dairy
57 ac Amish area, barn, woodland and approx 40 ac tillable

MIFFLIN COUNTY
15 ac with cabin, furniture, BEAR, DEER & TURKEY Good hunting

CUMBERLAND COUNTY
75 ac dairy, limestone soil, modern farmhouse, Morgan free stall barn w/bunkfeeder, Mennonite area
60 ac w/bankbarn, trench & stave silos Level land no rocks, dairy/steers
89 ac farm, beef and hog opporation Large 2 family brick dwelling, plus other buildings Just reduced

NORTHUMBERLAND COUNTY
83 ac dairy, retail shop, 2 dwellings, Amish and Mennonite area Excellent soil
42 ac dairy or steer farm w/lg bankbarn, 1 high moisture silo, 1 reg w/bunkfeeders, brick dwelling In Mennonite & Amish areas

SNYDER COUNTY
110 ac dairy, barn cleaner, 29 stanchions, lg brick home, in Amish area Limestone soil

If you are thinking of buying or selling a farm or farmland call Sandy today He will be glad to serve you in any county

HIGH REALTY CORP.
1837 William Penn Way
Lancaster, Pa. 17601
717-569-4264
A High Industries, Inc. Company

ACCESSIBLE BUT SECLUDED

24 ac. near State Land, private setting, mostly wooded. $14,400 (W778)

25 AC. FARMETTE

Clean 3 BR, 1¾ bath home, 2 car garage, very private setting. $55,000 (W775)

LIKE A LAKE?

7 acres overlooking Hills Creek Lake, 3 bedroom rancher, heated garage, & shed. Near State Land. $29,900. (W757)

ERA-Homestead Realty
23 E. Avenue
Wellsboro, PA
16901
717/724-7161

90 ACRES

Near Hills Creek Lake, wooded/open, divided by road, ½ tillable, homestead/retreat, subdivision potential, $53,500. :M1561)

106 ACRE BEEF FARM

Paved road, 2 houses, barn, stream, ready to move in $95,000. (M1558)

PLENTY OF PRIVACY

24 acre open/wooded, private country setting, terms. $12,000. (M1536)

ERA-Homestead Realty
267 S. Main St.
Mansfield, PA
16933
717/662-3287

REDUCED

12'x65' mobile with addition, situated on 2.5 acres, oil and wood heat. Located in Potter County. $18,320 (D250)

OPERATING DAIRY

42 acres, 81 stanchions, 2 silos, store front, 3 BR home, garage and workshop with upstairs apartment. $150,000. (D301)

PANORAMIC VIEWS

From this 5 acre tract in Harrison township. Spring rights, surveyed, excellent hunting area. $6,000 (D217)

ERA-Homestead Realty
168 W. Main St.
Westfield, PA
16950
814/367-2222

REAL ESTATE

ELKLAND TWP. SULLIVAN COUNTY

Custom built in 1981 2 story frame salt box dwelling, 3 bedrooms, 1½ baths, large living room with Cathederal ceiling and balcony, dining room and eat-in-kitchen, full basement, electric/wood heat on 3.25 acres with excellent mountain view, small barn, pasture, fruit trees and wooded area.

$69,500

OPEN HOUSE:
SAT. DEC. 17
1-4 PM Or CALL
FOR APPT.
DAN EBY
717-924-3604

GOING TO AFRICA

Christian family leaves great operating dairy in Herkimer County to begin missionary work.

- ☑ 207 acres, 155 tillable, rich soils
- ☑ 60 tie barn with 2" boumatic line, 850 bulk tank and new silo.
- ☑ 56 top milking holsteins, gross milk $96,000
- ☑ 3 tractors includes JD 4010 and 3020 and huge line-up of modern equipment
- ☑ Colonial home with over $30,000 in interior
- ☑ lots of terms, OWNER WANTS IMMEDIATE SALE, $195,000 stocked and equipped or $135,000 bare

Top Freestall Complex Will Be Sold Before Spring

- ☑ Modern 80 unit facility built 1970 all steel frame with double fix herringbone parlor
- ☑ Over $17,000 invested in new super milking system in April 1983 plus new 1500 gal. Zero tank
- ☑ Harvestores 20x50 Martin Silos, Clay self feeding system with Swartz weigh master
- ☑ 52 stall heifer complex with bunk feeding, new in 1975 plus machine shed
- ☑ Special setting 242 acres, 160 tillable, excellent soils, 3 ponds.
- ☑ Super shape 4 bedroom colonial vinyl sided, new kitchen, new heating system
- ☑ Great terms offered on their price of $250,000, $65,000 down. Balance at 10%
- ☑ Over 150 head holstein. Nearly 100 milking and large selection of modern equipment. Owner says lets talk price
- ☑ You won't find a better free stall package anywhere for the price. Don't wait to call if you've been searching for a clean, efficient, modern set-up that's affordable.

Farm and Rural Property Specialists
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Fultonville, N Y 12072
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REAL ESTATE

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EXCLUSIVE PA FARMS FOR SALE

See our detailed ad in the December 3 and December 24 issues.
Please call or write our office for detailed farm list.

PAUL M. LONGACRE REAL ESTATE
Box 186 Rt. 100
Hereford, PA 18056
215-679-5919
Also licensed in DE, MD & NJ

SOUTHERN YORK CO. FARMS

160,000
Fawn Grove - call today to see this very well kept, restored farm house in the middle of 40+ acres with outbuildings, barn, stream & pond A must to see!!

199,000
Stewartstown - 55+ Acres Homestead with like new two story, 4 bdrm, 2½ bath Colonial home Lounge around your inground pool and overlook some of Southern York County's most beautiful country side!!

99,500
Brogueville - 69 acres of that hard to find balance of tillable and woodland. Enjoy the serenity walking through your woods by the stream or fox and pheasant hunting in the vast fields

115,000
Shrewsbury - 50 acre farm with historic stone house, large bank barn, summer house, and more make up this outstanding buy Ideal for vineyard, horses, cattle, or kids!!

139,500
Cross Roads - ideal for part time farming, horse or anything else you want to raise or grow 60 acres of rolling country side. Swiss chalet w/stream and very much charm including a copper hooded fireplace in living room

89,900
Spring Grove - enjoy this quiet country setting on 35 acres of beautiful land. Charming frame log home with 4 BR, 1½ bath, Barn and other outbuildings included Plenty of room to grow

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COLTON-PACE

MARKET SQUARE
SHREWSBURY, PA
717-235-6802 or
428-3907

NORTHUMBERLAND COUNTY

F2-3-500 R D #1, Paxinos Beef or General farm Total 116 acres with minimum 100 acres tillable Soils in top condition and good producers All buildings have been completely renovated or have been erected since 1979 2 story/2 family, brick farm house also completely remodeled, excellent quality and tastefully decorated Attractive setting with good access Call for additional information

F2-3-501 R D #3, Sunbury Beef or general farm, 63 acres approx 50/55 acres tillable with remaining in fenced pasture Bank barn and other buildings in excellent condition Super "B" grain dryer with 2500 Bu wet/900 Bu dry holding bins Dump pit, grain elevator, 90' leg w/cleaner Total 63,000 Bu storage capacity Additional information available

L2-508 Shamokin Township farm 85 acres total 40/45 tillable & pasture with remaining woodland 8 to 10 acre tract never timbered 7 room, 4 Br house open for your decorating ideas Bank barn and equipment shed in fair condition 7½ miles from Sunbury, priced at $95,000

L1-525 R D #2, North'd 139 acres with approx half tillable, 400' frontage on hard surface road Possibility of return on investment with sale of attractive,building sites Owner will consider assisting in financing Priced under $850 per acre

COLUMBIA COUNTY

L2-3-504 118 acres 70 acres tillable and 48 acres woodland Excellent access - within 5 miles to Interstate 80 on Route #44 at Buckhorn exit Property divided by township road and owner would consider separate sales Priced at below present area sales per acre

BOWEN AGENCY, INC.
22 N. Market St.
Selinsgrove, PA 17870
(717) 374-2165

Art Bowen	Dale Heim	Dave Herbst
743-7556	473-3341	374-0257

Sire Power Holiday Special With A Bonus

$7.50 Per Unit

+2025 P.D. Milk Average of Top 4

Pick 4 Bulls

Save $120 Maximum Savings

From Sire Power INC

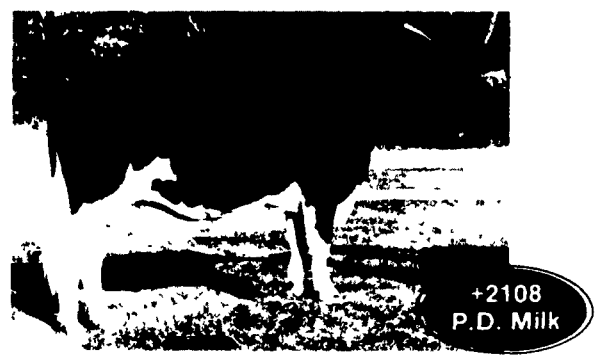
9H557 Killdee Astrochief WISEMAN, VG(85)
USDA 7/83 RIP 2% Rpty 86%
103 dtrs., 74 herds 17,305m 3.7% 634f
Pred. Diff '74 +$185 +1,411m + 00% +52f
HFA Type Summary PDT +2.03, Rpt. 84%

9H176 Letters Burkgov TRUMP, EX(90)
USDA 7/83 RIP 40% Rpt. 99%
2,600 dtrs , 1047 herds 18,268m 3 7% 666f
Pred. Diff '74 +$233 +1,814m -.01% +64f
HFA Type Summary PDT +0 00, Rpt 98%

9H581 Ken-Ric Marcus NEIL, VG(86)
USDA 7/83 RIP 0% Rpt 74%
47 dtrs , 42 herds 19,141m 3 4% 645f
Pred. Diff '74 +$192 +2,144m -.31% +27f
HFA Type Summary PDT +1 05, Rpt. 75%

9H628 Rynd-Home Excel SENSATION, VG(89)
USDA 7/83 RIP 22% Rpt 72%
55 dtrs , 45 herds 18,553m 3.5% 650f
Pred. Diff. '74 +$229 +2,034m - 13% +53f
HFA Type Summary +0.53, Rpt 76%

9H626 Brownking SAUL, G(78)
USDA 7/83 RIP 29% Rpt. 66%
41 dtrs , 39 herds 17,561m 3 6% 627f
Pred. Diff '74 +$213 +1,764m -.06% +54f
HFA Type Summary +1 34, Rpt. 62%

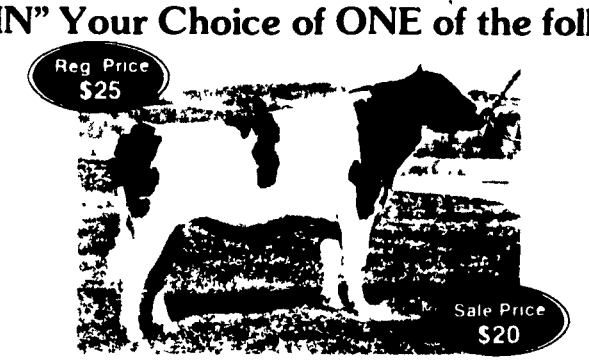


9H608 Coldsprings HAMLET, VG(86)
USDA 7/83 RIP 2% Rpt 72%
50 dtrs , 44 herds 18,297m 3 4% 629f
Pred. Diff. '74 +$207 +2,108m -.24% +37f
HFA Type Summary +0.17, Rpt. 75%

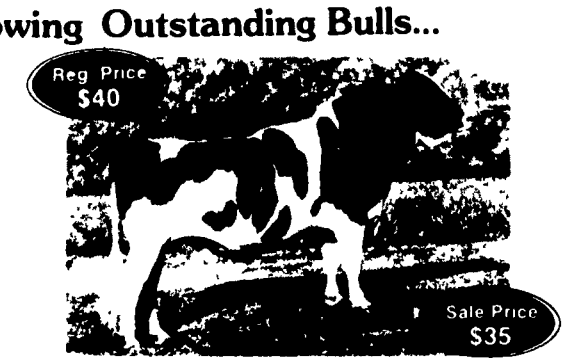
9H622 Breezyview Job Royal STEWART, EX(93)
USDA 7/83 RIP 14% Rpty 79%
79 dtrs , 66 herds 17,359m 3 7% 638f
Pred. Diff. '74 +$183 +1,477m -.04% +48f
HFA Type Summary PDT +1.81, Rpt. 81%

Sire Power Will "ADD-IN" Your Choice of ONE of the following Outstanding Bulls...

9H584 Cal-Clark Board CHAIRMAN, VG(86)
USDA 7/83 RIP 2% Rpt 81%
74 dtrs , 59 herds 18,623m 3 6% 674f
Pred Diff '74 +$295 +2,527m - 12% +72f
HFA Type Summary +1 77, Rpt 82%



9H599 Sunny-Craft Chief SPIRIT, EX(90)
USDA 7/83 RIP 0% Rpt 78%
64 dtrs , 50 herds 17,854m 3.8% 679f
Pred. Diff '74 +$248 +1,676m +.11% +78f
HFA Type Summary +1.00, Rpt. 79%



9H107 Arlinda JET STREAM-twin, EX(91)
USDA 7/83 RIP 10% Rpt. 99%
13,965 dtrs , 3265 herds 18,603m 3.5% 649f
Pred. Diff '74 +$217 +2,099m -.21% +43f
HFA Type Summary +0.46, Rpt. 99%

The 1983-84 Holiday Special is the **best sale in Sire Power history.** The top four bulls average **+2025 P.D. Milk.** All seven average +1806 P.D. Milk All sires are Plus on Type. The average price is $7 50 Per Unit

The Sale begins October 1, 1983 and will continue while supply lasts, but will definitely end January 13, 1984

How does it work? Seven bulls to choose from Select the four (4) bulls you want, (10) units from each bull, **a total of 40 units. Sale Price $300.00.** You may purchase more than one Special if you desire With the purchase of one special, **a customer may purchase 10 units of one of the following bulls at the listed prices.** 9H584 Chairman $35 per unit, 9H599 Spirit at $20 per unit or 9H107 Jet Stream at $35 per unit.

This Semen Special is available to all dairymen whether or not you breed your own cows.

Contact your Sire Power Direct Herd Representative, District Sales Manager, your local Technician or the Sire Power Offices at R D #2, Tunkhannock, Pa. 18657 Phone 717-836-3168; or Box 555, Frederick, Md. 21701. Phone 301-898-9101.

Send to: Sire Power, Inc
R D #2, Tunkhannock, Pa 18657
Please Send Me Information.

( ) I want a Holiday Special
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( ) Direct Herd A I Training
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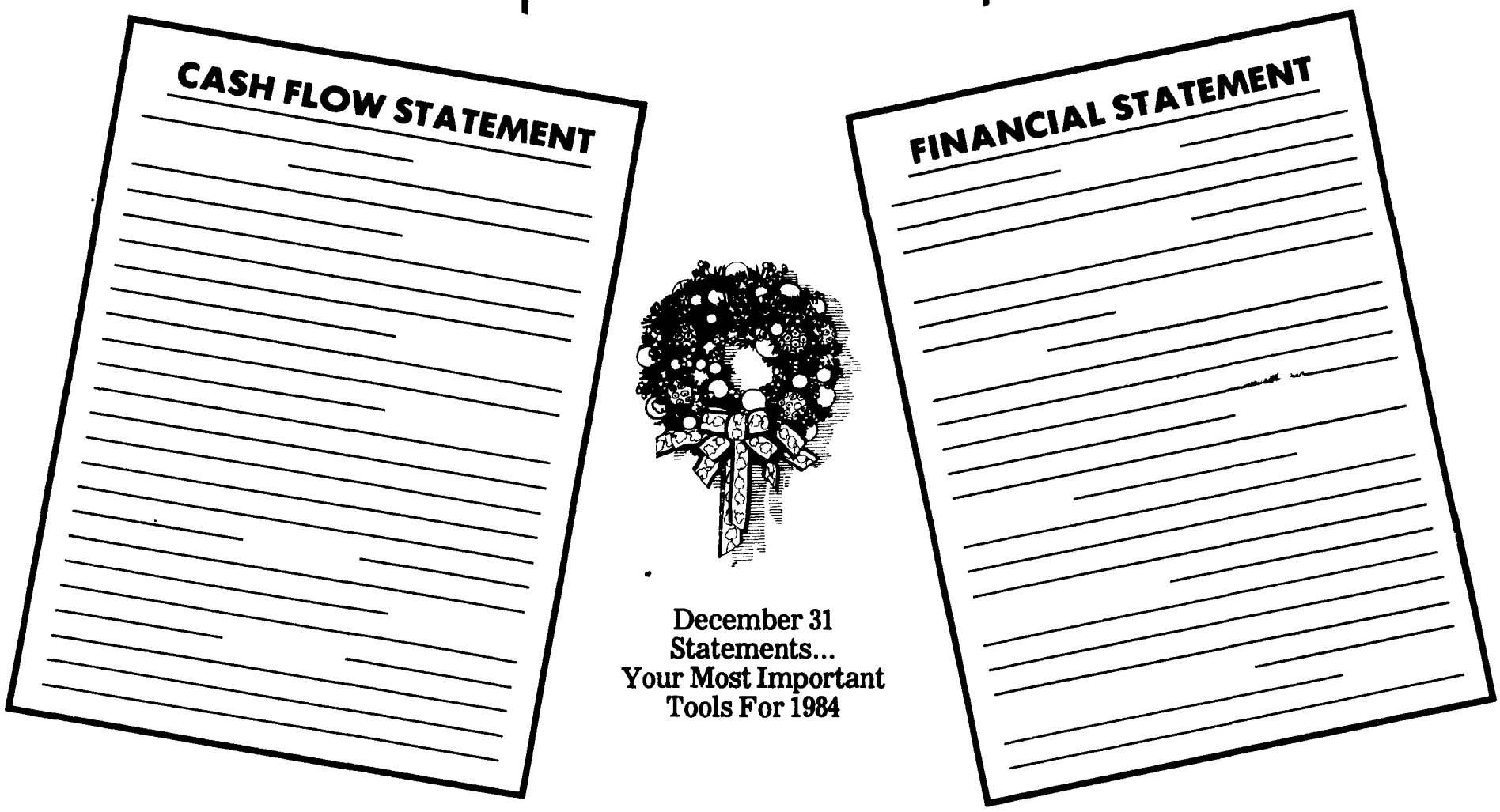
Name _____ Student ____
Address _____
Phone _____ State ____ Zip ____
Breed _____ Herd Size ____
Do you breed your own cows? _____

If your lender thinks financial tools are a calculator and a pen, you're dealing with the wrong lender

As we prepare to enter 1984, farm financial management will be more important than ever. A year end accurate financial statement, an actual income statement from the past year, and a cash flow projection for the coming year are the basic tools needed to help you and your lender better analyze your farm business.

At Farm Credit, we are ag lending specialists. We understand the importance of good records as a basis for the difficult business decisions facing the farm businessman in the years ahead.

FARMING spoken here℠



December 31
Statements...
Your Most Important
Tools For 1984

Seasons Greetings

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  Wellsboro • 717/724-1961
- **LANCASTER FARM CREDIT SERVICE**
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- **NORTHEASTERN FARM CREDIT SERVICE**
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FARM CREDIT SERVICE
Joint Land Bank
and
PCA Services

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EQUAL HOUSING LENDER

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  Meadville • 814/336-3149

Crop producers to receive deficiency payments

LEESPORT — Eligible wheat farmers soon will receive an estimated $735 to $765 million in deficiency payments on their 1983 crop, barley farmers will get about $35 to $40 million, and oats farmers about $7 to $10 million, according to Chairman of Berks County Agricultural Stabilization and Conservation Committee (ASCS) USDA.

Everett Rank, Administrator for ASCS, said deficiency payments are required under the 1983 wheat, barley, and oats programs because average market prices received by farmers during the first five months (June through October) of the marketing year were below established target price levels of $4.30 per bushel for wheat, $2.60 for barley, and $1.60 for oats.

The deficiency payment rate is based on the difference between the established target price and the higher of the national weighted average market price for June through October or the loan rate.

National weighted average market prices were $3.51 per bushel for wheat, $2.39 per bushel for barley, and $1.49 for oats. Thus, eligible producers will be paid 65 cents per bushel for their 1983-crop wheat based on the $3.65 loan rate, 21 cents per bushel for this year's barley, and 11 cents for oats, based on the national weighted average market price.

Deficiency payments will be made to wheat, barley, and oats farmers who participated in the 1983 acreage reduction programs. Donald Lutz said the payment checks will be issued through local ASCS offices as soon as possible after Dec. 9.

Producers participating in the acreage reduction programs were eligible for advance deficiency payments at a rate of 32.5 cents for wheat, 20 cents for barley, and 7.5 cents for oats. Final deficiency payments will be reduced by payments advanced to the producer for the respective crop. Nationally, a total of $344 million has been paid in advance deficiency payments for wheat, $27 million for barley and almost $2 million for oats.

Pins and Needles 4-H Club

Two new members joined the Pins & Needles 4-H Club at their most recent meeting. They are Melissa Gushing and Samantha Christy. Committees were formed for the club's Christmas party. Members have worked on cloth Christmas trees, Christmas baskets and scarecrows during their Arts & Crafts meetings. Members will meet Dec. 19 at the Gronsky home on Blackbrook Road in Hampton for the annual Christmas party.

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Now you can upgrade any woodstove to a catalytic!
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USEABLE HEAT
• Reduces Creosote
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Ask about our 22,800 BTU
Toyostove Model 105 19,500 BTU
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15 yrs. experience with Hi-moisture feeds being fed to ruminant animals. In most cases we can cut feed costs while increasing milk and butter fat using a new method of testing which shows your home grown feeds have more feeding value than standard methods of testing show. We do not sell feed.
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New Baby Beef Club Formed

EBENSBURG — A Cambria County 4-H beef club has been formed for young people interested exclusively in county bred beef animal projects. According to interested parents who have spearheaded the club's formation, 16 young people with a total of 21 county bred steers have already indicated interest in membership.

A Separate county bred competition is being planned for next fall. This show will possibly be in conjunction with the Cambria County Fair Program or a 4-H round-up.

Formal organization of the club has been delayed until next month. However, those interested in joining the club and showing their animals in a separate competition have been asked to contact either the county Extension Office or Mr. Donald Mayer, R.D.6, Box 346 Johnstown, Pa. 15909.

Lucky 4-H Club

Members held their Chirstmas party on Dec. 13 at the Extension Center. They exchanged gifts and played games. Members brought holiday foods for refreshments. They will hold their next meeting at the Extension Center.

Inspection procedure to be studied

WASHINGTON, D.C. — The National Research Council will study the effectiveness of existing and proposed procedures used to inspect meat and poultry for safety, wholesomeness and labeling accuracy, Assistant Secretary of Agriculture C.W. McMillan has announced.

The National Research Council is the operating arm of the National Academy of Sciences and the National Academy of Engineering.

"During the past three years, we have implemented badly needed changes in inspection to keep pace with modern technology, and we have sought legislative authority to do still more modernizing," McMillan said. "We have, as a result, been criticized by some who want to maintain the status quo.

"While we in U.S. Department of Agriculture are confident of the scientific soundness of our efforts, we believe also that public confidence would be enhanced by an independent outside assessment," the USDA official said.

The National Academy of Sciences will focus on the scientific adequacy of traditional, newly implemented, and proposed inspection approaches, McMillan said. The study will assess the health risk present in the meat and poultry supply from animal disease, bacterial contamination and chemical residues and will determine the effectiveness of USDA inspection methods in minimizing these risks.

Under the federal meat and poultry inspection laws, USDA conducts mandatory inspection of slaughtering and processing plants. USDA has over 8,000 inspectors in more than 7,500 meat and poultry plants nationwide.

In recent years, USDA's Food and Safety and Inspection Service has modernized procedures used to inspect chickens, swine and processed products and is testing new methods of turkey and cattle inspection. The new procedures, developed in response to new technology and changes in disease incidence, allow inspectors to check product more efficiently.

USDA studies indicate the new methods are as effective as traditional methods in protecting consumers.

The Department inspected 122 million head of livestock, 4.4 billion birds and 107.8 billion pounds of processed products in fiscal year 1982.

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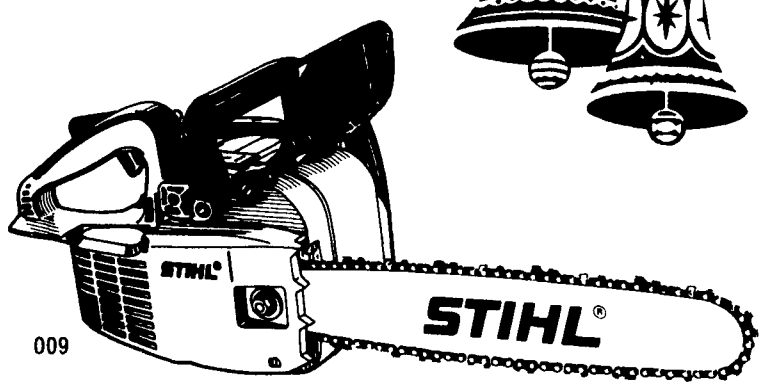

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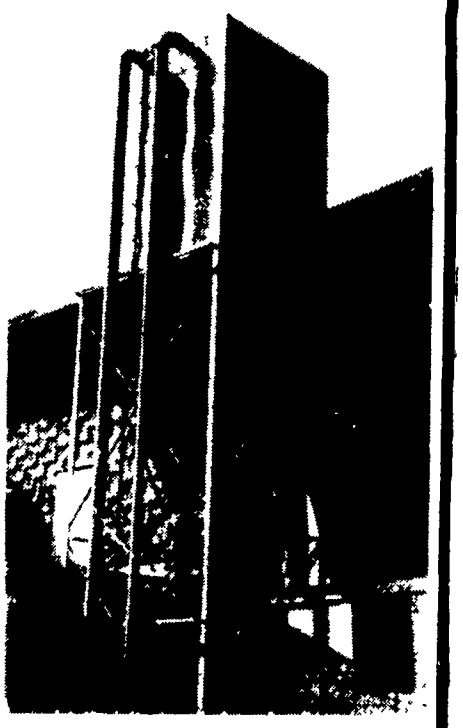

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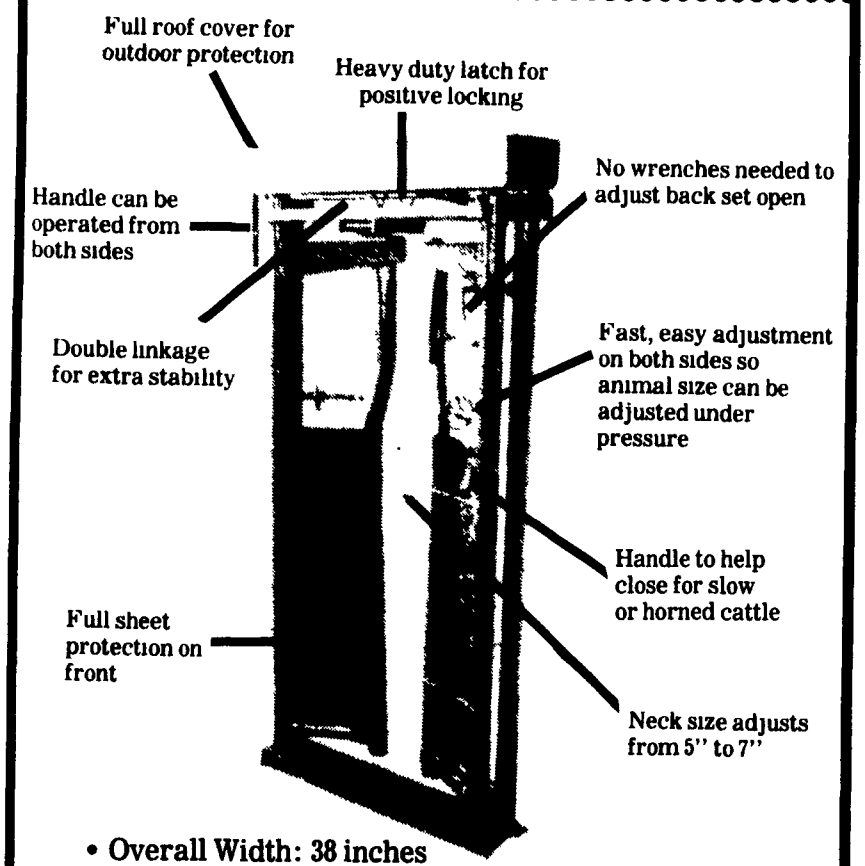
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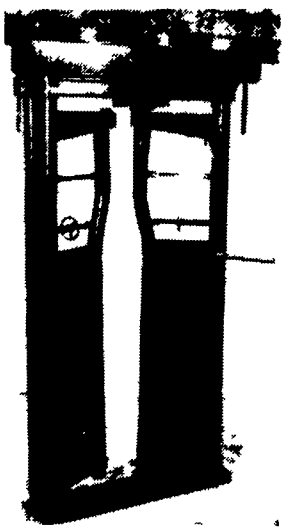

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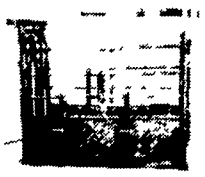

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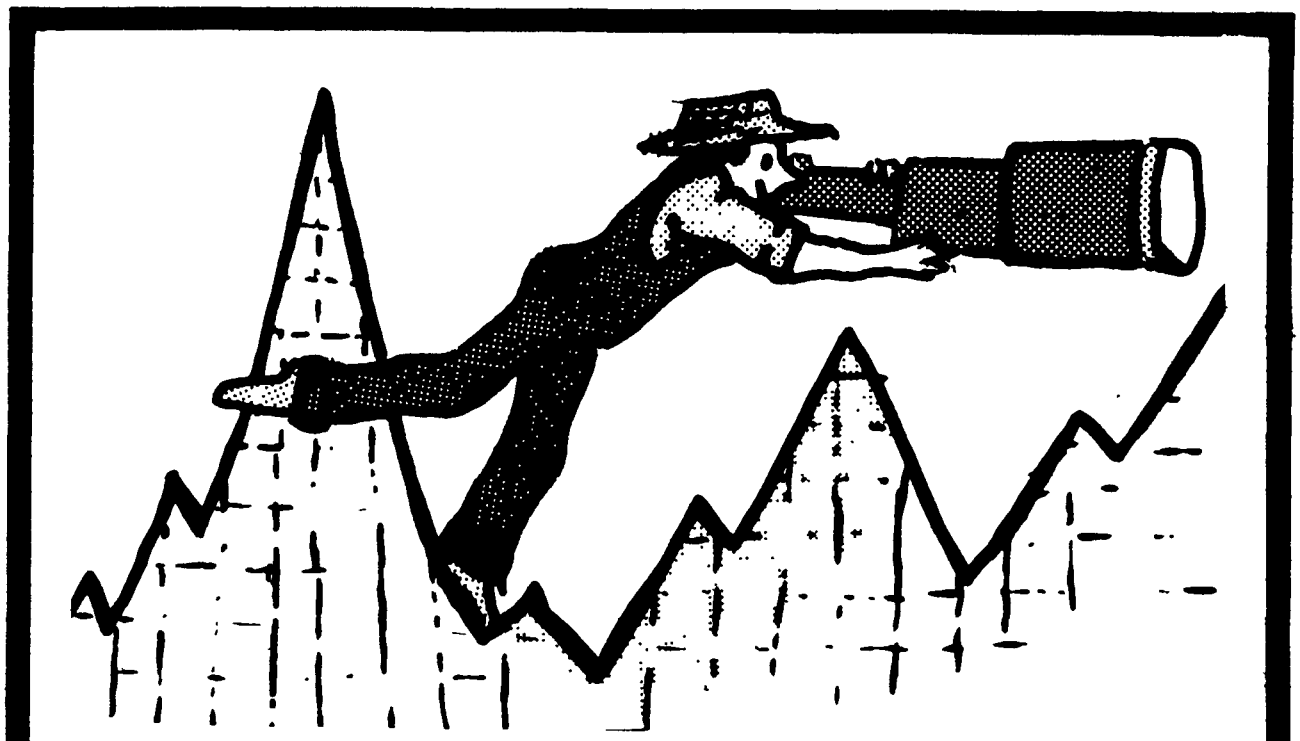
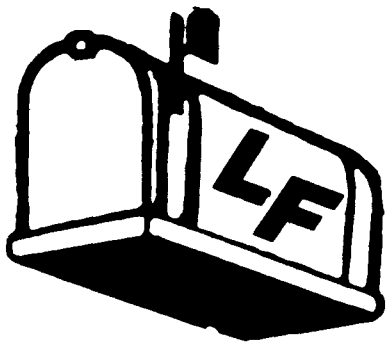


THINK AHEAD...

Read Futures Markets on Page 3.

HANDY CLASSIFIED AD ORDER BLANK



IMPORTANT: Be sure to include name, address, and word count
PLEASE WRITE CLEARLY

Please publish my _____ word ad _____ times
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starting with the _____ issue. Classify under _____.

I enclose _____.

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section B with Mailbox Markets.

DEADLINE: 9 A.M. THURSDAY OF EACH WEEK'S PUBLICATION

RATES: 20¢ Per Word, $2.40 Minimum Charge

For ads running 3 or more consecutive times with no change deduct 20 percent discount. (See rate chart at beginning of classified section for an example of discount.)

1	2	3	4
5	6	7	8
9	10	11	12-$2.40
13-$2.60	14-$2.80	15-$3.00	16-$3.20
17-$3.40	18-$3.60	19-$3.80	20-$4.00
21-$4.20	22-$4.40	23-$4.60	24-$4.80
25-$5.00	26-$5.20	27-$5.40	28-$5.60
29-$5.80	30-$6.00	31-$6.20	32-$6.40
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The following categories are available for your classified advertising in Section C. Deadline- Thursday morning at 9 of each week's publication

- Farm Equipment
- Silos & Unloaders
- Buildings & Supplies
- Grain Equipment
- Dairy Equipment
- Livestock Equipment & Supplies
- Cattle
- Horses & Mules
- Sheep & Goats
- Swine
- Artificial Breeding
- Hog Equipment & Supplies
- Poultry & Supplies
- Feed & Seed
- Fertilizer
- Plants
- Fruits & Vegetables
- Nursery
- Lawn & Garden
- Services Offered
- Custom Work
- Help Wanted
- Situations Wanted
- Business Opportunity
- Autos
- Recreational Vehicles
- Notice
- Lost
- Found
- Pets
- Household
- Miscellaneous
- Computers

The following categories are available for your classified advertising. in Section B. Deadline- Wednesday afternoon at 5 of each week's publication

- Real Estate
- Trucks & Trailers

LOCAL CLASSIFIED ADVERTISING RATES
20c per word
2.40 minimum charge

Use This Handy Chart To Figure Your Cost

Words	1 Issue	3 Issues
12 or Less	2 40	5 76
13	2 60	6 24
14	2 80	6 72
15	3 00	7 20
16	3 20	7 68
17	3 40	8 16
18	3 60	8 64
19	3 80	9 12
20	4 00	9 60

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming) 50 cents additional

Ads running 3 or more consecutive times with no change billed at 20 per cent discount

This newspaper will not be responsible for more than one incorrect insertion of any advertisement

Lancaster Farming
P O Box 366
Lititz PA 17543
717 394 3047
or Lititz
717-626 1164

FARM EQUIPMENT

For Sale - JD 2520 Diesel, SR transmission, wide front, $6800, 717-776-7725.

FREE three Emperor Grandfather Clocks to first buyers with P&D silo unloader or Pincor PTO alternator or Berg barn cleaner. Lancaster Co. 215-445-5309.

1977 Massey Ferguson 1105, 783 hours, factory cab, air conditioning, heater 18.4x38's, like new $12,900. Phone 814-664-2661.

JD TRACTOR 13, Baler, Cutting Bar, Rake. See at Yearsley Yard, 840 Lincoln, West Chester. Call Mike 215-446-4161.

For Sale - Popular 4 Auger stationary mixer with electronic scales used one year. Will deliver and guarantee for less than ½ new price. 717-758-2136.

For Sale - 1975 JD 4430 with cab and air, 2400 hrs., excellent condition, also 1974 1155 MF with cab, very nice, $9900, 717-374-1958.

JD 4840 Tractor, low hrs., excellent cond.; JD 714 Forage Wagon. 215-458-5852.

Rototiller thatcher 5' 3-pt. 1972 Chevy dump like new. 1977 fuel injected V.W. wagon. Steam hypressure cleaner. 215-683-8581.

Long 4 wheel drive, w/loader, 520 hours, like new. 50% off new price. 215-944-7475.

IH 615 gas combine with cab, 2 row 40" and 3 row 30" cornhead, 13' grain head, all quick attach. 717-328-5746.

For Sale - 1972 Ford 2000 with turf tires, real sharp, $3500, 215-756-6611.

FARM EQUIPMENT

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

For Sale - 1980 AC gleaner, L2 corn plus, 400 hrs. on separator, 6 row narrow corn and 15' grain head, excell. cond., covered storage, $59,000, Warren Co, 201-479-4917.

Wanted - Caterpillar blade and hydraulic setup for 7UD4. 814-793-4293

JD 3010 diesel 814-793-4293.

David Brown 1200 Diesel w/loader, 814-793-4293

Crawler Tractor Parts.
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
Call or write for equipment & parts brochure.
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Route 309
Montgomeryville, PA., 18936
Phone: 215-699-3533

Knight model 500 spreader, in excellent cond., 717-872-9152 daytime, 872-2579 evenings and weekends.

Hillside 6600 hydrostatic combine in excellent condition, $20,000. Larry Stalter "The Combine Man" 219-862-2151.

JD 4230 4 post roll guard, dual hyd., 2000 hours, 814-793-4293.

Oliver 1600 diesel, wide front, 3 pt, 814-793-4293.

JD 4010 diesel, wide front, excell. cond, 814-793-4293.

JD 730 diesel, electric start, wide front, 3 pt hitch, 814-793-4293.

NEED MORE ROOM? Read The Classified Real Estate Ads

FARM EQUIPMENT

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

JD 60 new rubber, very good condition, $2000. 215-356-5305.

For Sale - 1956 Hough 4 wheel loader, model HO22A, $6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, $8,500. 34' Fruehauf self-contained live bottom trailer, $1,900. 2 Smitley range feeders, 4 ton capacity, one good $400. 717-473-3031 8-5 PM 717-473-3852 evenings.

For Sale - Hesston 12' Hydro swing haybine, good cond., 215-944-0791

For Sale - 325 bu. N.I. Spreader, hyd. tailgate, top beater, pan, new web 1 yr ago $2950. Snyder Co 717-374-8750.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669.

AC 7000 Dsl. Tractor
AC 5040 Tractor
AC 200 Tractor w/Cab
AC 185 Tractor
AC 160 Dsl. Tractor w/ Loader
AC 160 Tractor
AC C Tractor & Cultivator
NI 324-327 Corn Picker
OMC #83 Grinder Mixer
OMC 540 Stacker & Mover
8C Hydra-Mac Skid Loader

ROY H. BUCH INC.
Ephrata
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JD 950 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1209 Mower Conditioner
Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

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AC C & WC Tractors
Farmall MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Farmall Cub w/outfit
Cub Frt. Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
Myers Snowblade
Valk ST80 Snowblade

USED COMBINES
JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
Plus other new and used equipment

Call For Details.
MILLER'S SALES & SERVICE INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
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or 993-2732

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Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH: 717-263-0013. Wilmington, DE 302-655-8500.

Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

NH 456 mower, exc.
Oliv 387 Sulky plow, exc.
NH & Little Giant corn drag
(3) Nicholson Hay Tedders
NH 55 and 56 Hay Rakes
NI 751 & 752 Crushers
Lely pull type spin spreader
IHC 100 7' Trailer Mower
AC B125 Power Unit
TOM WHEARY
Lancaster, Pa.
717-687-0102

AW, 4WD Grader with roller and front blade $3,750
1953 Chevy Dump $500
Case 580 Forklift $6,650
2 Axle Trailer $950
JD 2010 Loader with Forks, $3,900
Winch for AC HD 4 $950
Needed - Bucket For JD 400 Loader
All offers considered

Ed Goodrich Jr.
Rt. 38 & 38B
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607-642-8688 or 8519

JOHN DEERE

USED EQUIPMENT
MF 1155 Tractor
INT. 475 DISC
JD-BW DISC
JD 5020 tractor
MOTT MOWER - 48 In.
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
Oliver 5x16 Plow
JD 1250, 4 btm. plow
1-JD AW disk harrow, 14'

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20" bean planter
JD 950 - 12 Ft. Roller Harrow
JD 7000 - 4 Row & 6 Row Conservation Planter
JD 45 Blade - 8 Ft.
JD 45 Blade - 7 Ft.
2 - JD 506 Gyramor
2 - JD 606 Gyramor
JD 660 Rake

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
Ceco Farm Buildings

COVERT & SONS, INC.
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FARM EQUIPMENT

JD 2010 Crawler Loader $3500.
DENNIS MILLER
Rt. 22 Grantville, PA.
717-833-1888 anytime
717-469-0937 daily

Wanted - used 8' E-Zee dumper bed for pick up, in any condition, Northern MD, 301-877-7015.

Gehl 120 grinder mixer used 1 year, excellent condition, 201-879-5851, nights 201-584-5054.

For Sale - FMC Cascade tomato harvester, JD Diesel engine, stored inside, field ready; 1 purebred Simmental bull, Simmental 4 years old, Langdon breeding, big and good disposition Russcott Farms, Sunbury, PA, 717-286-2384.

JD 4440 sound guard, cab, 8.4x38 tires, quad range, dual remote and quick coupler, 1400 hours, 609-455-3462 or 609-769-4025.

MF 275 Diesel, 38" rubber, good condition, $6500, 609-455-3462 or 609-769-4025.

IH 1066 black stripe, dual hydraulics, both shafts, and duals, $9500, 609-455-3462 or 609-769-4025.

IRRIGATION PIPE - 24-6"x3" and 12-5"x3" Tico Valving Stations. 5000' of 4"x40' pipe w/Rainbird 40B sprinklers. 717-532-9108.

Cat 933G Loader. 717-933-5734.

IH 3400 Backhoe Loader 717-933-5734.

Case 2290, 130 HP, cab, air, heat, 1100 hours. 717-328-5746.

AC 185 diesel, 1800 hours, excellent condition, Lancaster County. 717-665-2906 or 665-5594.

NI #12 manure spreader. Syracuse 2 way plow, exc. cond., AC C tractor. 717-949-3074.

Clay manager ranger. Electric silage cart, like new, used less than one year. 717-949-3074.

317 JD 17 HP hydrostatic garden tractor w/mower and hydraulic snowblade, new condition. 717-274-2693.

For Sale: IHC Model 400 6 Row No-Till Corn Planter, Dry Fertilizer and/or Herbicide Tanks. Northumberland Co. 717-425-3515 after 6 P.M.

Orchard Sprayer - 4 piston high pressure Friend pump, 300 gallon cedar tank, 2 cyl. Wisconsin engine drives airblast fan. $600. Dave 215-791-0776.

IH HYDRO 186 TRACTOR, cab, air, excellent condition. 301-845-4561.

JD 3020 gas tractor, good cond., $4500. 717-354-5092.

For Sale - JD 4230 diesel tractor w/soundguard cab, heater and air cond., quad. range trans., radial tires, fair condition, $11,500. Can deliver. Also cab for 4020 or 3020. 717-532-8601.

NH 45' Elevator... $1050
225 Bu. Field Tank . $250
NI 323 Picker..... $2500
Mighty Mac Skid Loader..... $3250
NH #33 Chopper... $950
NH 27 Blower $550
JD 60 Tractor $1800
WENTZ FARM SUPPLY
Palm, PA 215-679-7164

Cat 933G Loader. 717-933-5734.

IH 3400 Backhoe Loader. 717-933-5734.

For Sale: MF 285 Diesel 81 H.P. 12 speed dual remotes 1575 HRS like new. 717-799-5739.

For Sale - Gehl 960 forage box, like new, $4400; White 5400 air planter, with monitor, $1600, 717-733-0575.

Unique Christmas gift for the farming enthuslast. Antique cast iron implement seats (made in the 1800's). Not many available. $25 and up. 717-687-0102.

FARM EQUIPMENT

JD 48 loader, $1650, 717-532-7054.

One pair 15" wagon wheel rims, 6 lug Chevy, $30. Call 717-626-8435.

Case 1070 w/cab, air, heater, 1700 hrs. 7 tooth Case soil controller w/McCurdy harrowgater. Dion forage wagon, 3 beater w/roof. 12' Brillion cultimulcher. 717-665-6449 Manheim.

JD 4020 Diesel, wide front, good tires, diff. lock, 1967 model, 717-532-7054.

JD cab for sale. Will fit 4020 and 4010. $300. 717-532-8363.

4430 JD, roll guard, syncro. range, trans., dual hyd., 18.4x38 rear, 11.00x16 front tires, good condition, 215-383-6818.

IH #56 silage blower, good condition, $600, 215-383-6818.

For Sale - Spoke Shave ½-3/8-5/16-5/8-7/8-9/16-¾-1=Traveler; 8 ft. cast iron water trough. 717-768-8923.

Wanted - JD 490 or 290 corn planter for parts, must have disk fertilizer openers. Richard Davis, Dysart, PA. 814-674-8119.

AC D21 tractor, diesel, excellent condition. 215-431-4384.

JD 4400 combine, with grain head, new straw spreader, excellent condition, 1500 hours, $9,800. 215-933-5216, Montgomery County.

Complete used Executive 8085 computer feeding system, capacity 120 cows, hi-moisture bin included, priced for economical feeding, call and ask for Earl; 717-354-4616 or 717-733-7816.

Wanted - 350 Farmall Diesel any condition, Bucks Co., 215-348-3196, after 7 PM.

Wanted - 8 to 8½ snow plow with power angle, prefer plow only, truck equipped for Myers, but will convert to other, Lehigh Co., 215-264-3025.

JD D #D183860, $1500; 13.6x26 6 ply tire, $65; JD 2 bottom plow, $100; 9' disc, $150, call 301-845-8229 evenings.

JD 3020 Diesel, wide front, dual hyd., 814-793-4293.

Oliver 1850 diesel, dual hyd., wide front, 814-793-4293.

Oliver 1950T cab and air, dual hyd., original paint, 814-793-4293.

6600 John Deere Hillside combine, excellent condition, $17,500. 219-862-2151.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

Wanted - burned, rolled or fire damaged combines and tractors. Prefer JD, 1970 or newer. Will pay cash. For offer call 215-756-4341.

Pollard 5 Wheel Rake, $450; Case 3B Plow $350; 5' rotary mower (demo) $525; MF 2B 16" Plow $325; All equipment is in good to excellent shape. 717-687-0102 Lancaster Co.

Oliver 1750 diesel, like new condition. 814-793-4293.

JD 4230 w/JD rollguard cab, quad range, dual outlets, 1100 hours. 814-793-4293.

JD 4020 power shift, dual hydraulics. 814-793-4293.

IHC 966 w/cab, excellent condition, low hours. 814-793-4293.

Oliver 550 gas wheel loader, $3000.
DENNIS M. MILLER
Rt. 22 Grantville, PA
717-833-1888 anytime
717-469-0937 daily

FARM EQUIPMENT

For Sale - HD9 bull dozer parts, good tracks, rollers, etc., $1000, 215-343-2444, Bucks Co.

4x4 irrigation pump on rebuilt 38 HP Wisconsin w/1000' 4&3" pipe and fittings, 10 Rainbird sprinklers. Lancaster County, Henry Beiler, Christiana #1, PA, Box 83, 17509, 1½ east of Georgetown.

For Sale - 30 bushel Weaverline silage cart with auto. charger, 717-367-6506.

For Sale - Custom built 2 row corn planters using J.D. Max-Emerge units. Pull-type or 3 point with or w/O fertilizer attachment. No-till or conventional. Pequea planter. Gideon F. Stoltzfus, RD#2, Box 2276 Gap, Pa. 17527.

For Sale - New twin disc clutch for No. 2 bell housing. $1000. Berks Co., 215-683-7943.

JD 237 corn picker with multi lubber and stalk ejector. 717-872-4141.

203 IH combine with 10' grain head and cab, $2200, Cumberland Co., 717-532-3360.

WANTED - JD diesel engine model 4219D. 7:30 - 5:00 215-262-8800.

For Sale - 1982 International tractor, 530 hours, $5288. 414-248-6230 after 5 pm.

New 19 hp Bolens four wheel drive tractor with cab and two stage snow blower. $5595. Manor Equipment, Inc. Wheatfield Rd., R.D. 8 Sinking Spring (215) 678-0828.

For Sale - Generator set, 3-53 Detroit 25-KVA 3 phase, less than 10 hours $7500, 516-727-1786, New York.

Wanted - Ford LN900 w/or without motor, must have 12,000 lb. front axle w/PS, J.J. Flaherty, St. Joseph H.C.R. #2, Friendsville, PA 18818.

4010 JD diesel, w/46A loader, good condition. 717-624-7183.

For Sale - MF 925 Haybine, 2 years old, excellent condition, 2 knives $4500. 301-848-7965.

975 New Holland combine 3 row corn head, 11 foot grain head (3) 6000 gallon fiber glass tanks. 814-355-4612.

Wanted Good Condition - IH 990 Haybine w/steel upper roll. 215-932-8173 after 6 P.M.

For Sale - JD 4230, quad range, dual outlets, diff. lock, tilt wheel, good rubber, new paint, very good condition, $13,700, Chester County. 215-273-3789.

500 E Crawler, like new, $10,900; International power unit w/clutch, $375; 900 x 16 tires, $45; 2 ton Yale forklift, preamatic tires, $2,000; 55 gal. drums clear varnish, $100 drum or small lots $2.00 gallon; small generator, no motor, $150; 18' Glasspar boat w/115 h.p. motor, 40 hrs. on motor, $3,900. 717-733-3980.

500 E Crawler, like new, $10,900; International power unit w/clutch, $375; 900 x 16 tires, $45; 2 ton Yale forklift, preamatic tires, $2,000; 55 gal. drums clear varnish, $100 drum or small lots $2.00 gallon; small generator, no motor, $150; 18' Glasspar boat w/115 h.p. motor, 40 hrs. on motor, $3,900. 717-733-3980.

For Sale - 1981 TR-75 NH combine lease, 365 hours, 15' floating grain head and 6 row narrow corn head. Excellent condition, negotiable. 215-845-2524.

NH 320 wire tied baler, excellent condition, 3 years old, $5000, call after 6 p.m., 301-758-0601.

JD M tractor, plow and cultivator. Loader for Super A Farmall or B AC. 717-786-3087.

FARM EQUIPMENT

#146 JD loader, $1200, AC grain drill, $350, NH 36' elevator with drag, $350, tool bar fertilizer applicator, $250, 717-626-6805.

4020 diesel, A-1 condition, new rubber, 18.4x38 tires. Lancaster County. 717-656-2824.

MF Deluxe 35, 1300 original hours, excellent, $3800. C60 truck, deck over cab, 22 ton hoist, tight grain sides, very good, $3500. MM model D corn sheller w/VF4D motor and clutch, fair, $1000. Grinder mixer w/Peerless rollermill, mixer poor, mill good, $600. 750 bu. oats, will deliver, make offer. 717-382-4173.

Wanted - Roller mill or crimper for small grain with or without mixing tank. H. Z. Gross & Son, Manchester, PA. 717-266-3424 or 717-266-2828.

FARM EQUIPMENT

For Sale - Franklin County, PA - 1972 JD 4620 with 18.4 x 38 duals, side console, no cab; JD 220 17' x 1" centerfold disc with tine harrow, rock flex gangs; 1982 Glenco SS 9 soil saver; JD F350 6 x 16 auto reset plow, furrow hitch, JD 58 loader, complete; 400 gal. Kuker saddle tank sprayer with disc kit for liquid fertilizer, complete 1 year old. 717-273-1872, prefer evenings.

MF 175 diesel, wide front, multi-ower. 814-793-4293.

JD 4320 wide front, 18.4-38 tires, dual remotes. 814-793-4293.

1850 Oliver Diesel, engine just overhauled, clutch overhauled, over and under shift overhauled, new hyd. pump, new 18.4x34 tires, 215-445-4944

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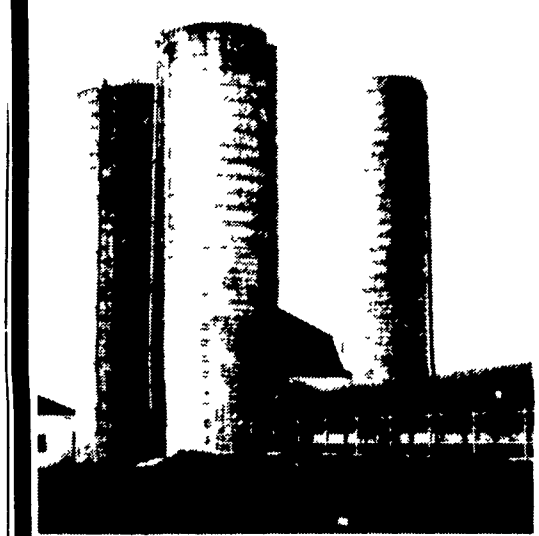

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Case 870
Case 1210 4WD
Case 995
Case 830

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A.C. M2, 4 row corn head & 15' platform
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I.H. 205, 2 row corn head & 12' platform
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TILLAGE EQUIP.
Glenco SS9 Soil Saver, Demo
Bush Hog 1560 Soil Hog 5, 7 & 15 Shank

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White 2-155 4 Whl. Drive 1982 500 hrs.
Oliver 1850 tricycle
Oliver 88
Oliver 77
Ford 6000 Dsl.
Farmall M
Hesston 480 4 WD., - 45 h.p., w/loader
Case 1210
Case 430 w/Loader
IH 544 Gas, wide Front End
Hough 25B Loader w/52" bucket

New Brady 1440 12' Shredder
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Used NI 270 Cut/ditioner Used 14'
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MF 410 D Combine
701 Uni
702 Uni
727 Husker w/3RN Head
Fox Super Dw/3RN Pickup
Fox 3310
Fox 2000, 2 RN Head
Fox 2310 2 Row N & Pickup
Fox 299 80" Flail Head
IH 830 w/3 row head and pickup
NI 323 Picker, used 40 acres
NI 324 & 325 2 Row Picker

USED EQUIPMENT
White 5100 4 Row Planter Dry Fert & No-till
JD 7000 4 Row Consv. Planter
AC 4R Planter
NI 710 Combine
NI 725 3R Head
Kuhn 13' Tedder
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
Hesston 5500 Round Baler
NH 320 Baler w/thrower like new
JD 336 Baler w/thrower
NI 484 Round Baler
Gehl 910 Fg. Wagon, 3 btr. & roof
Bale thrower wagon 3 pt. backhoe
Hesston 1014, 12 Ft. Hydro Swing Windrower
JD 2280 diesel 14' windrower
Westfield 744 auger PTO
EZ Trail Bin Wagon
Hesston 1400 gal. tank spreader
NI 213 Spreader, end gate
NI 214 Spreader, end gate
NI 224 Spreader w/end gate
NH 327 Spreader
Walsh 500 gal. skid sprayer w/30' boom

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Bervac 87" 3 pt. Snow Blower

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Wooden Double Chain Feed Conveyors
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Lely 3 shank subsoiler and
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JD A w/2 row picker; JD 2510; Kubota 345 DT w/loader; Case model 300; Satoh 25 HP 3 pt. hitch; Farmall H; Cub w/blade; IHC 340 w/loader; 9600; 5000; 5610 4 wheel drive; 4610; 4600 w/cab; 7710; 4000; 3400; 3000; 2110; 8N; 9N; Fordson Major; Kubota 7100 DT; IH 140; Cub Lo-Boy 154; JD 4510 w/loader.

INDUSTRIAL EQUIPMENT
Ford 3610 w/Lincoln welder; Ford 4000 w/forklift; Ford 600 w/forklift; Ford 340 w/loader; New Ford loader CL45 diesel engine; Used CL40 skid loader; Used 340 skid loader; Ford CL20 w/low hours; AC crawler HD 5; IHC crawler model T340 w/4-in-1 bucket; Ford TL340; Ford TLB 445 w/extendable hoe; 1-new general 9 ton trailers; New 555 TLB, 6 ton JD used trailer, MGS trailer for snowmobiles, new; Ford TLB 4500; Snowblower for 154 Lo-Boy; 4 used snowblowers.

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Ford blower model 618; MC chopper; Ford 1 row mounted corn picker; NI corn picker 1 row pull-type; NI corn sheller pull-type; NI corn sheller pull-type model 310; Farmer Boy gravity bins 165 bu. and 235 bu.; NI corn sheller pull-type, 2 row.

CARS & TRUCKS
Louisville 9000 1974 290 Cummins engine, 10 speed Road Ranger transmission; Truck tractor Louisville 8000 1974 3206 Cat engine, paint good; Ford dump truck F600 tires good; Ford ½ ton; Chevrolet pickup w/service body; Chevrolet camper w/canopy, sleeps six, refrigerator, gas stove and gas heater.

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For Sale - Rye $4.00 bushel, Also Ford 140 3 bottom 18' toggle trip, high clearance, fully mounted plow. Has hydraulic hillside hitch w/cylinder, $995 firm. Also 6000 gal. tanker trailer. New caps. Road worthy. $1850 or $850 without tires and wheels. Snyder Co. 717-837-0724.

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NH #311 Baler w/75 Thrower, Demonstrator - $7995

Case 1830 Skid Loader $6900

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For Sale - JD 443 corn head, used on less than 100 acres, $7500. 215-869-9729.

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C6145 NI 325 2-Row Picker w/12 Roll Bed (Demo)	15,000	10,000
C6181 IH 720 5 x 20 Reset Plow (Demo)	10,200	6,900
C5550 IH 2400 Big Roll Baler	12,100	7,950
M3485 H & H Feeder Wagon Bed	1,600	1,175
C5866 Badger 3260 Manure Spreader	5,391	4,400
C6119 OMC 320 Skid Loader (Demo)	12,500	8,925
USED EQUIPMENT:		
C5546 JD 1240 Planter 4-Row	1,795	1,060
C5557 IH 449A Planter 4-Row	795	395
C5630 IH C Tractor Mtd Planter 2-Row	395	213
C5806 IH 400 Air Planter 4-Row	3,000	2,773
C6066 IH 56 Planter 4-Row	1,995	917
C6494 JD 124C Planter Plateless 4-Row	1,500	1,169
C6614 Ford 311 4-Row Planter	900	637
C6259 Jamesway 60' Feeder	1,850	1,325
C5731 Hussler 56 Blower	700	541
C5636 Fox 44 Table Belt Blower	450	251
C5329 Coles KB 60 Blower	1,175	736
C5273 IH 205 Combine w/13' Platform	3,900	2,500
C5718 Mayraft 34' Elevator	695	495
M3283 NH 818 Harvester	750	500
M3367 IH 50 Harvester	500	398
C5692 Fox 546 Harvester	1,850	1,498
C5894 JD Vanbrunt 17x7 Grain Drill	900	695
M3624 Oliver 10x7 Grain Drill	395	217
M3388 Case Orchard Disc	775	312
C6041 Kewanee 13' Reel Disc	1,500	1,097
C6843 Chevy C60 Truck	4,500	3,580
C6014 IH 710 4x16 Plow	3,600	2,950
C6671 MM 4x16 Reset Plow	1,775	925
C6678 Welsh 200 Gal Sprayer	695	304
C6598 Broyhill 300 Gal. Stainless Steel Sprayer	900	552
C5563 JD 10' Fertilizer Spreader	495	195
C6660 NH 12' Fertilizer Spreader	495	195
C5260 NI 213 Spreader	1,895	1,256
C5844 NI 214 Spreader	2,300	1,500
M3385 IH 155 Spreader	595	495
C6444 Badger 3,000 Gal. Tank Spreader	1,500	1,000
C6677 Hawk Bilt 205 Spreader	1,000	443
C5151 Coby 4,000 Forage Wagon	1,295	925
M3589 Hesston 320 SP Windrower	2,200	1,400
C6073 Hydromatic 10 Skid Loader	7,500	5,840
1977 Chevy C30 Truck w/11' Reading Body, Like New		Call

1976 JD 2640 diesel with independent PTO 15.5x38 tires
1979 International 684 diesel Utility
1970 MF 135, gas
JD 7,000 Max Emerge, 4RN Plateless and herbicide, like new
JD 750 Grinder mixer, 1,000 RPM
Brillion 14' Stalk Chopper
Brady 12' Stalk Chopper
International #540 4x16 Semi MTD plow
International 450, 3x16 3. point manual trip
NH #328 single beater spreader with tailgate
NH #256 rake, like new
1855 Oliver, 3 speed
Ford 6700 diesel
4020 JD 1970 differential lock, $7500
4020 JD 1964 power shift, $5500
2030 JD diesel $5500
MF 285 diesel $7500

Horning's Farm Machinery
Ephrata, PA
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FOR SALE

MF 1105, cab & air
JD 2020 w/loader
Case 1570
MF 1135, cab & air
IH 574
JD 3010
(2) MF 1155 w/cab & air
MF 180
MF 550 combine w/1143 corn head
10' Glenco cultivator
IH 3200 Skid Loader
Case 1290

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1 #27 Clipper Cleaner with screens and motor $2,400
1 #27 Clipper Cleaner with screens and motor $2,900
1 Aerovent centrifugal drying fan with plenum (7½ HP) $1,150
Miscellaneous elevators and augers.

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FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service
LONG

New Long 610, DT 64 HP
New Long 610, 64 HP SOLD
New Long 510, 48 HP
New Long 460, 41 HP
New Long 610, 64 HP
New Long 310 DTC, 28 HP
New Long 310 28 HP
Long 1550 loader
Long 1549 loader
Used 1576 Irrigation

Also check year end Nu-Way Irrigation Sale on model numbers 1576, 1560, 1820, 1553 & 1554.

There is a price rollback from Long to 1981 prices.

No interest charge until April 1, 1984

Interest charge is at 8 ¾% after April 1, 1984

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30 - 5:00 Mon. - Fri.
8:30 - 12:00 Saturdays

FARM EQUIPMENT

New Gehl 100 Grinder Mixer $11,000.00
Case 1816 C Uni-Loader 5,500.00-
New Gehl 100 Grinder Mixer
Used Gehl 95 Grinder Mixer 3,000.00
Used Gehl 55 Grinder Mixer 1,500.00
Case 2090 Demonstrator with cab, air, heater
Used Case 1175, 1030, 930, 830, 630, 530, 700, 400, 200 and VAC Tractors
Ford 801 Diesel, overhauled

CLAIR J. MYERS FARM EQUIPT.
Thomasville, PA
259-0453 open eve. till 9
North of 30 at Paradise Elem. Center

FARM EQUIPMENT

Adams Industrial Machinery, Inc.
Hanover Rd. & Honda Rd. on Rt. 116, 6 Miles West of Hanover Center
717-632-3443
Adams County

case

TRACTORS
- Case VAC
- Case 930 Tractor "CK"
- Case 995
- Case 430
- David Brown 990 w Loader
- Oliver 500
- Oliver 1755
- Oliver 1655
- White 2-105 Tractor
- Farmall C w/cult & Loader
- SAME Tiger 100 4 WD

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int 3200 Skid Loader

TILLAGE
- Case 6 Bot Plow, 20"
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT
- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 744N Cornhead
- NI 323 1-Row Corn-picker
- NI 325 2-Row Corn-picker
- NI 324 2-Row Corn-picker
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT
- NH 479 Windrower
- NH 1002 Stack Wagon
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- Bale Thrower Wagon
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS
- Ford 4-Row Corn Planter
- IH 400 Corn Planter, 8 Row
- 8 Used Spreaders
- NI 218 Spreader

SPECIAL
• 8 USED WINDROWERS!
Hesston 1090 Windrower
2 Year Warranty Demonstrator
$4,900!

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

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IRRIGATION - WASTE - MANURE - FIRE - INDUSTRIAL

NEW & USED

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Gorman-Rupp, Hale, Berkeley, Marlow, CMC

PVC PLASTIC PIPE

REYNOLDS ALUMINUM PIPE

Irrigation, Repairs & Gaskets for:
RACE, WOSCO, WADE, IRRECO, CHAMPION, SHUR-RANE, McDOWELL, RAINBOW, A-M AND OTHERS

SPRINKLERS: Rainbird, Nelson, Skinner

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4021 N. 6th St., Harrisburg, PA 17110
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HARD WORKING VALUES

Waiver of Finance - Low Rate Financing
Low Cash Deals

NEW EQUIPMENT

3288, demo
784 RC w/TA
684, 4 wheel drive
1420 combine, demo
370 disc
720 auto. reset 5 btm.
2250 loader
#50 Shredder

WHITE TAG SPECIAL
1420 Combine with 810 head

USED EQUIPMENT

1066 w/cab
1256
706 Diesel
IH 424
Farmall 70 hydro
Farmall BN w/cultivators
2 Super C's
Super AV
Haines bulk bodies
Ziggy bulk body, 16'
Mayrath auger 6"x27'
1500 Schwartz loader
Massey Drill 16x7
White 5400 no-till planter
Potato planter
JD 2 row potato digger
Ontario grain drill
Vicon disc mower conditioner
NH S69 baler
IH #37 baler w/thrower
IH forage blower
Gehl 4500 Skid loader
NH 1010 bale wagon
IH 3120 backhoe
NH 512 spreader
Stone pickers
John Bean 3 pt. hitch sprayer

RINGTOWN FARM EQUIPMENT
RD 1, Ringtown, PA
717-889-3184
Since 1949

VERMEER — HEDLUND MARTIN INC. — Vicon

NEW EQUIPMENT
- Vermeer 605H Baler
- Vermeer 504G Baler, Demo
- Vermeer & Scranton Bale Movers
- (1) Vicon 600 lb spreader
- (3) Vicon 950 lb. spreaders
- (1) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP 1200 Round Baler
- (1) New Vicon RP 1210 round baler
- (1) Vicon SP450 Square Baler w/Thrower
- (1) Vicon 8' Mower Conditioner
- Haybuster 1068 Semi-Mounted No-Till Drill
- Martin 1263 Scavenger II Spreader

USED EQUIPMENT
- Vicon 10' Power Harrow
- Farm System Flail Spreader, Left Side Loading
- Hesston 12' Hydro Swing Haybine
- Pequea Hay Tedder

RED WING FARMS
R D #1, FLEETWOOD, PA 19522
NEW PHONE NUMBER: 215-944-0402

USED EQUIPMENT

TRACTORS

JD 4240 w/SG Body, 530 hrs. $28,000
IH 1086 w/cab, 1180 hrs. $18,500
IH 1066 w/cab $10,900
IH 656D, reconditioned ..... $ 6,900
MF 1085 ..... $ 7,900
MF 1080 ..... $ 5,900
JD 950 D/6' mower, 450 hrs. ..... $ 6,900
JD 950 D/75 Loader, 155 hrs. ..... $ 7,500
IH 350 Utility w/2000 Loader ..... $ 3,500
Ford Jubliee w/loader and plow ..... $ 3,500
JD A ..... $ 1,100

COMBINES

82 JD Sidehill w/15' Flex Head $69,000
78 MF 750 w/Heads $28,000
78 JD Sidehill $40,000
68 JD 45 ..... $ 5,000

PLANTERS

JD 6R Consv. w/Dry Fert, 2 yrs. old .... $ 9,000
JD 4R Max-Emerge ..... $ 5,900
MF 468 4R and 6R Planters ..... $ 1,000
(3) 2 Row JD Planters ..... $300 and up
IH 4R 456 Planter ..... $ 1,200
JD 1240 ..... $ 1,800
JD 1460 6 Row ..... $ 3,500
JD 8350 21x7 DD Drill, new Discs ..... $ 4,500

TILLAGE

JD 950 12' Roller Harrow ..... $ 2,700
JD 1450 5x16 Plow ..... $ 2,900
Pittsburg 14' Disc ..... $ 1,900
Pittsburg 12' 3 pt. Harrow ..... $ 590
Ford 6' 3 pt. Disc ..... $ 750

HARVESTING

IH 650 Harvester w/3 heads ..... $ 2,100
JD 3800 Harvester w/3 heads ..... $ 5,500
NH 770 Harvester w/2 heads ..... $ 3,500
NH 36 Chopper ..... $ 1,500
JD 1209 Mower/Conditioner ..... $ 3,500
JD 716 Forage Wagons ..... $ 4,000
JD 750 Grinder-Mixer w/scales ..... $ 4,500

JOHN DEERE

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

USED EQUIPMENT

TRACTORS
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab

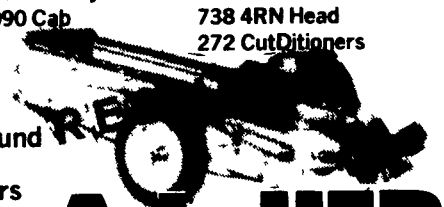
NEW IDEA
325/314 Picker Sheller
323 Pickers
325/327 Pickers
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head
272 CutDitioners

FORAGE
Fox HA Harvester
JD 3800 Harvester
Hesston Blower
JD 115 Forage Box
Farmhand Rake

MISCELLANEOUS
Case 12' Disc Harrow
Wetmore 878 Grinder Mixer
Case 1800 Chisel
ArtsWay 420 Grinder-Mixer
Brillion 12 ft. Chisel
JD 310 Disk

LOADERS
Uni Loader Broom 1845 G
Hough Wheel Loader
White Backhoe
MF 20C Tractor Loader
Mustang 330 Skid Steer
580C Loader-Hoe

SPREADERS
NI 206 NH 371 Flail
NI 213
NI 214
NI 224



206 Ground Drive Spreaders In Stock

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case — NEW IDEA — GEHL Gets into your system — BUSH-HOG

FARM EQUIPMENT

20 HP wheel horse D250 tractor with the following equipment; 60" mower, 40" tiller, 48" snow blower, 60" blade, cab, 3 pt. hitch, wheel weights, chains, front end loader with hyd. bucket all for $5800 or best reasonable offer, excellent condition, 814-364-9333 or 814-238-4957.

Caterpillar D2 dozer w/blade, $2800. 814-643-3740.

For Sale - Farmall 340 row crop tractor with narrow front end, fast hitch, and power adjust, rear wheels, recently overhauled, in excellent condition; JD 2010 Diesel row crop tractor, narrow front end, power steering and 3 pt. hitch, eves., 215-766-0479.

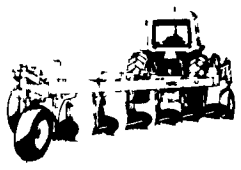
FARM EQUIPMENT

For Sale - 3 pt. hitch for Oliver tractors 66, three 880 heavy duty w/2 pistons, Hammermill for 65x Gehl grinder mixer, good condition. 717-365-3234.

FARM EQUIPMENT

1 10' NI limespreader, pull type, $200. 717-244-7393.

For Sale - wide front end to fit IH 340 tractor and others, in excellent condition, eves. 215-766-0479.



FORD TW-20
1981, New Warranty
140 HP, 4 Wheel Drive
Cab/Air/Radio
20.8 - 38 Rear Rubber
St. # 1975
NEW LIST: $52,000
OUR PRICE ONLY: $30,800!!!

FORD 152 SERIES PLOW
6-8" Plow Bottoms
Semi Mount Plow
Coulters, Hydraulic Cylinders
READY TO GO!!!
St #1947
NEW LIST: $10,000 +
OUR PRICE ONLY: $5,990!!!

• Sales • Lease • Rental • Service

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cor. Carnegie Road, Trenton, NJ
(215) 752-0867 (609) 883-7360

NEW TRACTORS

JD 2150	
JD 2550	
JD 4650	
JD 2950 MFHH	
JD 4050	
JD 4250	
JD 4450	
JD 1250 4 whl Dr.	$15,500
JD 2440	$17,000
JD 4240 QR, SG Body	$33,000

NEW MACHINERY

JD 450 Spreader	
JD 660 Spreader	
JD 680 Spreader	
JD 445 Spreaders	
JD 300B Backhoe/Loader No Trade	
JD 115 11' Disc	
JD 315 13' Disc	
JD 6620 Side Hill Combine	
JD 4420 Combine	
JD 1326 Mower Conditioner	
JD 660 Rakes w/rubber teeth	
JD 3940 Fg Harvester	
JD 2600 5Bx18" Plow	
JD 1250 Plow 3Bx16"	$1800 N/T
JD 1250 Plow 4Bx16"	$2450.95
JD 2700 6Bx18" Plow	
JD 7000 Conservation Corn Planters 6R	
JD 16x10 FF Drill	$4000
JD 327 Baler w/ejector	
JD 27 Flail Shredder	
JD 965, 1065, 1075 Running Gears	

USED MACHINERY

1-IHC 830 Fg. Harv. 1981 model, PU & 2 R.C. H	$11,000
1981 White Combine 7300 w/704N 4 Row Corn Head	$25,000
JD 95 Combine Dsl. engine, corn special w/ 435 corn head & 12' platform	$10,500.
JD 730 Dsl. Tractor	$3500
AC WD Tractor	$895
JD 400 Tractor Model 1981 w/60 mower	$4,800
2-105 White Tractor	$14,500
JD 90 Skid Steer Loader	$5,500
JD 336 Baler w/ejector	$4500
(1) JD 216 Forage Wagon w/1064 running gear	$2,500
(2) AC 600 Series 6 Row Narrow Corn Planter	$4500 ea
JD 8200 14x7 Plane Drill	$3,000

WALTER'S SALES & SERVICE, INC.
RD 2 Box 49 Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP

NEW EQUIPMENT

1 model 25 NH blower, $2,100
1 model 30 NH blower, $2,400
1 model 451 NH mower, $1,900
1 model 667 NH tank spreader, $5,100
1 model 707 W row pickup, $1,250
1 Haban 3 pt. hitch corn sheller, $1,575
1 H&S 180 bu. spreader w/hyd. endgate, $3,600
Sorry no trade price

USED EQUIPMENT

1 310 NH baler w/70 thrower, $4,800
1 276 NH baler w/54 thrower, $2,995
3 tank spreaders, $900 each
Sorry no trade prices

Addison Farm and Industrial Equipment
814-395-3521

USED TRACTORS

* JD 2240 w/145 loader
* JD 4430 Cab, QR
* IH Super AV w/cultivators
* AC 190 XT Dsl.
* AC 5040 Diesel
* AC D17 W.F.E.

USED HAY AND FORAGE EQUIPMENT

* JD 336 Baler w/Kicker
* JD 3800 Fg. Harvester w/2 row wide corn head

USED TILLAGE

* JD 7000 6R 30" Planter
* JD 7000 6R 30" No-Till w/Dry Fert.
* JD 1240 Plate Planter w/Fert., Insecticide, Monitor
* Oliver 10' Drill w/grass seed
* JD 400 Rotary Hoe 20'
* Oliver 10' Disc
* JD 210 Disc 12' 10"
* Brillion 16' P[SOLD] w/Transport
* Ford 24' Disc

USED COMBINES

* JD 7700 Hydro Rotary Screen
* JD 16' Rigid Platform
* JD 220 Flex Platform, like new

MISCELLANEOUS

* 16.9x28 Duals
* G.E. Electrack Mower
* JD 214 14 h.p. Mower
* JD 212 12 h.p. Mower
* JD 57 Rider
* AC B112 12 h.p. Mower
* IH 154 Cub-Low Boy
* JD Spitfire Snowmobile
* JD 66 Rider

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301-275-2195 301-648-5416
301-755-6608
Evenings Call Gary
301-885-2248
or Billy 778-6024

USED TRACTORS

AC 7030 w/cab, 7000 w/cab, 200, (2) 190XT w/cabs, 190 w/loader, 175D, 175D w/cab, 5050, D 19 gas, D 17 w/loader, D 17 gas / diesel, D 15, WD 45, D 10 w/mower, FORD 4000 w/loader, (2) 2000 w/loaders, 801 Powermaster, 800, 601 Workmaster, 8N, JD 2440 w/loader, 3020 Diesel, power shift, side console, 4020 w/cab, 3010, 2640D, B w/cultivator, MF 265D, 175D, (2) 165, 150, 50, 35 w/loader, Ferg 30, IHC 544 Gas, 504 w/3 pt., 364 D, 806D, 230 s/c, Super A, A, Cadet w/mower, Kubota M-4500 4WD tractor w/loader.

MANURE SPREADERS

Large Selection USED (2) NI 214's, 213, Flail w/gate, NH 518, 512, 670 w/gate, NH 362 Barrel Spreader, 202 Gr Drive, JD 465 Barrel Hyd Slide Top, Starline 830 Roto Spreader Hyd Top, Hawk Bilt 157 Barrel, Better Bilt Vacuum Liquid Manure Tank, Plus wide Selection of NEW Spreaders - over 50 units to choose from including Hedlund Martin's Low profile side spreader w/50' pattern.

FEEDING ACCESSORIES

USED NH 352 & 358 Grinder Mixers, GEHL Mix All, IHC 1150 Mixer Mill, Farmhand Tub Grinder F890, Hesston Stack Processor 10, Hesston Stack Mover 10W, NEW Ubler Silage & Grain Carts, Regrinder Blowers, USED NH Hay & Grain Elevators, NEW Zimmerman Elevators, Various Used Forage Wagons, Like New IHC 110 w/roof, 3 beater Chuck Wagon.

INDUSTRIAL

JD 401 A Loader, (2) JD 440 Skidders, AC H3 Loader, AC 840 Tractor Loader, AC 715 D Tractor Loader Backhoe, AC 715 B, Grizzley 3 pt. backhoe, MF 30 Loader, IH 500 Dozer w/6 way blade, Industrial MF 165 Tractor w/angle snow plow, Ford 4500 tractor loader, 3 pt., PTO and cab, Ford 4500 tractor loader backhoe, Bobcat 610 skid steer w/Deutz Diesel engine, just rebuilt.

MISCELLANEOUS

Used 8' Brillion Cultipacker Seeder, Large GMC Power Unit w/PTO Clutch, (3) 2 row Potato diggers, IHC 1 row Potato digger, Tree Transplanter, Wide selection rotary mowers, sprayers, planters and other equipment, Bush Hog 9' plowing disk, Miller 12' plowing disk, JD disk harrow, shaver post driver, snow & material scraper blades, NH 256 & 258 side rake, very good cond. Various loaders & buckets, large selection of lawn spreaders. Call us for specials. JD 9' snow plow, Myers ST-90 power angel, Myers tractor mount ST-84 snow plow.

Call Us For Your Snow Plow NEEDS
Largest USED Selection in Area.

SPECIAL PURCHASE
New AC 4 Btm 16" 3 pt. Hitch Spring Trip Beams w/Slat Bottoms. Ideal For Muckland.
Only $1495.
Less than 50% of current retail price

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5 Miles East of Honesdale, Pa.
On Rte 652 Phone 717-729-7117
Sales & Service
for AC, NI, HESSTON
KUBOTA, BRILLION, STARLINE

- JD 4630 Tractor
- JD 4430 Tractor w/Roll Guard
- JD 4430 Tractor w/Row Crop Fenders
- JD 4230 Cab & Air
- JD 4030 Tractor
- JD 4020 Side Console, WF
- JD 4020 WF
- JD 4020 Side Console WFE
- JD 4010 Tractor
- JD 2640 Tractor
- JD 2640 Tractor w/145 Loader
- JD 2440 Tractor
- JD 2040 Tractor
- JD 950 Tractor w/loader
- JD 420 Lawn Tractor
- JD H Tractor w/plow & cultv.
- Farmall 656 Tractor
- Farmall M Tractor
- Farmall Cub w/Belly Mtd. Mower
- IH 154 Lo-Boy w/mower
- JD 7000 6R Consv. Planter w/Liquid Fert.
- JD 7000 4R Consv. Planter w/Dry Fert.
- JD 7000 4R Consv. Planter w/liq. fert.
- JD 1240 4R Plateless Corn Planter
- NI 325 2R Corn Picker
- JD 3800 Chopper w/2R corn head
- JD 35 Chopper w/2R corn head
- JD 110 Disc
- JD BWA Disc
- JD B Plane 15 Disc Grain Drill
- JD Kilafor offset Disc
- JD FB Grain Drill
- JD 950 10' Roller Harrow
- JD 4400 Combine w/Platform & C.H.
- JD 4400 Combine w/444 Corn Head & 13' Platform
- JD 7700 Combine
- JD 7700 Combine w/643 Corn Head & Platform
- Gleaner A Combine
- JD 34 Chopper w/1 Row Corn Head
- JD 244 Corn Head
- NI 279 Cut/ditioner
- Brillion Cultimulcher
- JD 1450 5B Plow
- JD 1450 4B Plow
- JD F145 5B Plow
- JD 145 6B Plow
- IH 5B Plow
- IH 6B Plow
- NH 318 Manure Spreader
- NH Tank Spreader
- NI 214 Manure Spreader
- JD 400 Lawn & Garden Tractor
- JD 420 Lawn Tractor
- JD 317 Lawn Tractor
- JD 300 Lawn Tractor

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

★ ★ **SPECIALS** ★ ★

TRACTORS RAKES WAGONS
PLOWS FORAGE BALERS

S.G. LEWIS AND SON, INC.
RD #2, Box 66, West Grove, Pa.
215-869-2214 or 215-869-9440

SPECIALS

SNH #782 Forage Harvester w/#824 corn head	$12,400
SNH #718 Forage Harvester w/#824 corn head	$9,650
SNH #25 Blower	$1,600
SNH #8 Crop Carrier w/roof & 238 wagon	$7,100

HAY

SNH #451 Mower w/7' Cutter Bar	$1,860

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service. This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

FARM EQUIPMENT

Sale 1930 Fordson tractor on steel wheels, running condition, $750, best offer. 215-723-8445.

For Sale - 1500 gal. Snyder poly storage tank. New Condition. 717-653-5359 or 717-426-3135.

FARM EQUIPMENT

933-G Caterpillar loader. Excellent condition. 301-392-3160.

(2) Oliver 1 row PTO potato diggers on rubber, quantity 1 JD 1 row PTO with engine mount, on steel, wheels. 717-687-0102.

FARM EQUIPMENT

Oliver OC3 w/loader, &1500. 814-643-3740.

NH grinder-mixer #55, 1 year old. 8N Ford tractor, 6' blade, 5' rotary mower, 8' snow bucket for NI loader. JD 400 grinder-mixer. York County 717-456-5484.

FARM EQUIPMENT

For Sale - 3 HP Briggs and Stratton engines, $105 while supply lasts. $110 postpaid. Also have brackets to mount on Maytag washers. Send check to Beiler Engine Service, R.D. 1, New Providence, PA 17560.

FARM EQUIPMENT

Gehl #100 Mix All, used two days $7000. Gehl #640 forage wagon, never used $4,000. 717-538-2555.

STORAGE TRAILERS AND OFFICE TRAILERS for rent, economical, delivered. 301-771-4529.

FARM EQUIPMENT

Lundell wafer machine, never used, makes 2"x2" alfalfa wafers, pull type with self-contained power unit, 703-434-1296 or 434-0794.

For Sale - 1000 gallon air tank, $500, 717-935-2056.

For Sale or Trade:
Sale: Arts-Way (Int.) 300 silage mixer, scale $6,000; JD 60 NF, 3 pt. $1250; 3x16 plow trips heavy beam $600; Ford 612 forage harvester, 3 heads, $600; 32' trailer field sprayer $750; 10' 3 section JD drag harrow $125; 3 pt. fert. spreader $300; No. 10 NI corn picker, XL cond., $100
Wanted:
70 HP tractor; flail chopper; 2 gravity bins, 16-20' transport harrow; cutting torch; power washer.

Kenneth Hackett
105 Quarry Dr.
Bloomsburg, PA 17815

AC 7020, 185, D17 and CA; Oliver 66, MH 44; tractors in need or repair. MF 65D, AC D17, AC WD, AC C; AC Gleaner E combine; MH #675, NI 213 manre spreader; MF 124 hay baler; Bearcat Mixer Mill; Dion Forage Wagon; AC #500 4 row corn planter; Oliver weed drill 16 and 24 disks; IH 12' lime drill; AC tractor plows, all sizes, 14' stake body dump truck GMC; tobacco lathe by the pound.
717-733-8708

(Combines on our lot)
Used J.D. 6620 Hydro w/heads
New JD 4420 fully equipt. 443 C.H. Int. 1460 axel flo fully eq. w/both heads, New M.F. 860 combine call for price.
Used White 9700 rotary w/4 whl drive, grain and 6 row C.H. 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads; 1976 Gleaner KKS cab & air w/grain, 1976 Int. 915D w/810 grain head $18,900. 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510D hydra. w/grain and 43 corn for $16,800.
MF 410 D. w/cab & Q.T. Grain head.
MF 510D w/cab, Quick Tach grain for $6950, Sale Price $5850. Case 960 w/cab and grain, real nice, $3950.
1968 Gleaner CII diesel w/cab and 4 row C.H. for $5250. JD 7700 D w/grain & corn head.
1969 MF 510D, cab & 2 heads for $9500.
MF 300 w/cab & 2 heads for $2900.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
Int. 303 w/cab, 1972 Gleaner F w/grain & 4 row C.H. for $11,900.
Gleaner E w/cab and 2 heads nice and good; Gleaner E III w/cab and 2 heads.
AC 90 pull combine.
NI 702D w/cab w/chopper and 2 row C.H. $6250. 702 w/729 A sheller.
We have 4 N.I. Uni 729A shellers from $1500.
TRACTORS AND EQUIP. JUST PURCHASED (New A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $35,850. New JD 4250 w/front wheel drive.New Case 2590 fully eq. $34,750.00; New Case 2090 Cab A.P.S. $22,900.00; used Case 2090 CA PS looks like new, used J.D. 4040 w/R.G. and QR-nice. JD 4230 w/QR for $11,400 JD 4430 w/ R.G. and P.S. Used JD 4640 P.S. fully eq. like new; JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1566 black stripe cab and air real nice, Farmall 1456 w/dual PTO, Int. 884 w/front whl. drive and cab, Int. 784 utility D, 1066 Hydro original, Super M, AC 200D, JD 4010D WF nice, Oliver 1850 w/dual wheels, Farmall 706 gas WF and 3 pt., 766 original, 544 D, JD 720D, WF and 3 pt., JD 70D, Int., 504 utility D. Oliver 770 gas, AC WD 45, NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts. JD 4010 D.W.F. Dual Hydraulic.
NH 258 rake, Oliver 5B hydraulic reset plow.
NI Combines Just Dealt. NI 717 combine w/13 ft. grain; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.
(Tractors and Eq.- Just Received) MF1135 CA MP real nice, Int 544 utility gas. Farmall 1468 C.A. $8850; Farmall 186 Hydro w/cab enclosure; Int. 674D (SOLD); Farmall 886 w/R.G., Farmall 756D WF and F.H. nice original, 756D WF 3 pt. INT. 656 utility D, nice original Farmall 504 tri. D. original, Farmall 460D. and 460 gas; from $1750. 674D w/loader (SOLD) NH 357 Grinder- Mixer $3850.
Used JD 66 and 65 Blowers.
White 2-155 w/cab, JD 3020 gas P.S. original, JD L w/Eq., 2 Used NI 323 1 row picker $2150 Used Int. 1190 haybine for $3250; Ferg. 6 bar 3 pt. rake like new.
AC 7010 C.A., P.S.,20:8x38 tires, full wts., light package looks like new, Ford 7600 w/dual power. Farmall 966 original for $9800.00. Farmall 504 original w/P.S. and 3 pt. Oliver 880 W.F. fully equip. JD 4010 gas, JD 2840; Farmall 1066 w/cab & air $12,800. Int. 444 utility gas, w/P.S. for $3850. Farmall 1066 for $9950. Farmall 1586 C.A. w/20x38 duals used 1200 hrs. extra nice, Farmall 656 gas. 706 gas, 504 w/W.F. & Loader. JD 730 D, nice. JD 620 w/PS, JD M w/plow and cult, JD 60 w/loader; JD 3020 PS w/cab, JD 4030-Sold D.B. 990D. Hay eq. just traded, used NH 320 baler, Rakes, new NH 256, MC 9E Rotary Scythe.
New Holland 1034 Auto-Bale Wagon used 3 yrs. NH 1012 18 ft. hay bale wagon on 8 ton running gear.
JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S. 2640, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 886 w/cab, like new; 1206 extra nice, 756D W.F. original, Farmall M.
2 White- 4 whl. drive, 4-150 fully eq. for $12,500; White 4-180 fully eq. for $15,850 (Tractors Coming In) Used JD 4840, fully equipped w/dual whls. real nice, JD 4430 C.A. QR, AC 220 original nice $8950, Farmall 1486 fully eq. like new. Int. 784 w/loader like new.
JUST TRADED- used Int. 3588 2+2 Int. 986 w/cab, 1066 Farmall M w/NI 319 mtd. picker, Case 1410D. (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.
JD 216 - tandem axle. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.
(new) 2 NI 323 corn-pickers at old prices. $5450.00
New NI 324 2 row picker for $9750.
Used Fahr rotary 7 ft. haybine. JD 340 12 ft. offset disc, Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand.
CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.
HAYBINES- (new) Int. 1190 List $8900. Our Price $6450. only 1 left. New NI 272 cut/ditioner- $3850; Used NH 489-$4000; Used NH 489-$3875 ; N.H. 461 real nice; N.H. 479. Used JD 1209 $2475; New & used Grim 4 star hay tedders.
Used NI 279 Cut ditioner. (Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.
New AC 7010 w/20 sp. trans. Used 966-1 owner original, 1972 JD 4020, 3020 S.C. power shift, JD 4020 S.C. w/cab, 1968 JD 4020. MF 1135 w/cab. Farmall 350 w/P.S. and F.H., Farmall 450 gas PS and F.H., Ford 6000 Commander D.
Balers (new), NH 315 w/#75 thrower for $9300. NH 280 w/hydraulic tension and thrower. JD 336 Thrower.New Idea #456 round baler.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.
New John Deeres 4240 cab & air Q.R. for $29,900; New JD 4440 C.A. QR w/radial tires. Six real nice balers, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Bilt round baler. 2 used NH baler w/throwers #280, 269.
Int. 420 w/thrower.
Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, L630, (SOLD) F438, K238, F335, F330, M430, K330, Int. 863, 864, 844, 744, 843, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H. New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"
New Int. 810 13 ft. grain head.
Used Gleaner L2 grain heads.
3 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls) 5088 fully eq., 3688 fully eq., $30,800.00.
(Used Farmalls) 986 w/cab, 686 nice. 706 gas. 1206 real nice, used JD 4230 w/R.G. and creeper gear, 1966-4020. We have 7 JD 4020 side console diesels. JD 2640, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged. 1972 JD 4020D, WF. JD 2630D.
New NI 324 picker w/super sheller list $15,390. Special $8,475. Farmall 706 w/310 German D w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, MF 1105 w/cab, real nice, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.
NI 325 pickup w/12 roll bed used 4 yrs.
TRACTORS JD 4320, Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.
JD 4020 W.F. power shift, good tires ; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.
CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/ grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H.
JD 4020 w/58 Loader, JD 4320 w/cab.
Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856 w/38" tires, very nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Farmall cub w/mowers.
HARVESTERS. Used JD 3960 w/long tongue, used JD 3940, JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30" C.H. Int. 720 - 2 row. Fox 2 row snapper head. NH 770 1 row snapper C.H.N.H. 890-2 new snapper head, new N.H. 890 new corn head used N.H. 770-H824 2 new corn head.and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.
ALLIS CHALMERS AC 180D w/cab and air, 185 w/turbo. 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.
2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.
JD 4010 LP Gas (nice) $3750.
JD 4030, JD 5020 puller.
FARMALLS: used 1086 w/cab, air, 1 owner-looks like new, 20x38 tires (SOLD) 1066red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice.
New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.
Dealers net $23,700. Our special price $21,850.
New White 2-105 w/cab $22,850.
MASSEY FERGUSON - 1085 w/cab, original 2 MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 165D.
(Case) New 2090 Cab & Air, power shift. Case 830 W.F. and 3 pt. Case 930D real nice, Case 930 Standard D. real nice, Case 830D WF w/side pulley, Case D.B. 1200 for $3900. Oliver 1950T w/Cab for $6950.00. 2050, 1855 w/20:8 tires, 1850 w/cab, 1855 w/duals, MM Vista 1000 w/cab and loader, MM S670 diesel.
Fords, Jubilee, 8N, 9N, 850.
N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellsers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.
IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Cat 933 crawler loader.
Int. 2400D L&B, Case 584 B.D. Forklift.
AC 600-21 ft. forklift.
Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.
Bobcat 720 Hydro Skid Loader.
Int. TD 6 dozer w/blade & PTO Ferg 30 w/loader. Mechanics Specials.
Case 1410 motor. Farmall 706 gas needs trans work, $2900.
MF 1155 CA MP $8850.
PLANTERS- Used Int. #800 6 row fully equipped w/no til and monitor-NICE. JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor, JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill, population monitor and acre fully equipped. Used White 5400 4 row air, w/dry, Inst. no til and monitor for $2000.
Used JD 4 row conservation w/liquid fert. and monitor, Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor JD 444 corn heads from $2450 and up.
Papec Grinder Mixer.
Cabs for JD and Int. Tractors.
Glenco 12 ft. 9" Soil Finisher like new.
Brady 14 ft. pull chisel plow w/Buster bar. Int. #5500-13 ft. chisel plow, Int. 9 ft. Chisel plow, new 9 shank soil saver, used Athens 10 ft. offset disk. Caldwell 7 ft. heavy duty 3 pt. blade.
Pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - (new) N.H. 363 tank spreader for $3675. NI 214 nice, JD 54, Kawannee 10 ft. & 12 ft. roller harrow, good.
Brillion 13 ft. roller harrow, We have new 4,6,8 ton running gears at low, low prices.
2-used Danuser Post Hole Diggers.
Woods 15 ft. hyd. fold rotary cutter.
N.H. 38 Flail choppers.
NH 36 Flail Chopper; Brady 722 Flail Chopper.
PLOWS - Int. #720 5x6x18 sp. reset. JD 2500 6x sp. reset, JD 5x hyd. Int. #700 5X auto reset, fully eq., Int. #710 6x16 sp. reset, J.D. 5xSemi trip rollover. Oliver 4x16 rollover, JD 3x16 rollover, Chisel Plows. Brady 12 ft. & 10 ft. chisel plow Rockland rock picker. New Johnson loader.
Used JD 310-12 ft. disk like new, new 12 ft. 3 pt. field cultivator.
New Landoll 24 ft. hydraulic fold chisel plow.
Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.
JD Disks- TWA 12 ft.-14 ft. heavy disk.
Ford 12 ft. Heavy Disk. Used JD 400 15 ft. rotary hoes, Kawanee 22 ft. Wing Disk.
DRILLS- Used JD 8300 21x7 DD w/press wheels.
Int. 510-16x7 D.D. w/Fert. and grass seed.
MF 43-21 SD grain.
JD B 16 DD w/grass seed.
Loaders - Used JD 146, JD 58, Int. 2350, 2250, 2000, (SOLD) MF #246 like new (new) G.B. loader, M.F. loader for S90 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 2 Used 30.5 x 32 tires.
No Til Attachment for Int. 4 row 400 planter complete.
TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.
(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.
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Ford series 250 PTO hay baler, $800
International 350 Forage Harvester w/1 row crop and pick-up head. good condition $1,500.
Badger 1416 3 btr. forage box w/roof w/Badger tandem gears, $2900
Dion 2 btr. 16' forage box w/8 ton NI gears, $1600
NI 272 cutditioner excellent condition $2785
Taylorway 3.7 Shank 7' Chisel plow, 32" clearance w/twisted shovels $770
Taylorway model 200 217 disc harrow, 10' w/flex bearing hangers, 22" blades, new cond., $3550.
NI model 224 spreader w/hyd. gate, Gratz chain, good cond., ~~$3,800~~ - $3,400
NI 218 spreader with hyd. gate, cylinder & hoses, flotation tires, Gratz chain, good cond., ~~$3700~~ - $3,200
Dion 60" forage blower, good cond. $1385

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- 4250 4WD And Cab
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Case 1070 — Case 1370
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JD 3010 — Int. 1086
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(3) Case 555's
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Grove 16' w/3 Beater Roof & 12-Ton Tandem Wagon - Exc. Cond.
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IH 830 w/2-Row Narrow and Hay Pickup
Gehl 83 w/1-Row Head, Hay Pickup & Direct Cut Head
Gehl 3 Row Wide Cornhead
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Gehl CT300
Fox Super 1000
JD 3800

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JD 4-Bot. 16" Mounted
Ford 5-Bot. Semi Mtd. Plow

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Hesston 5540 Round Baler
Hesston 5600 Round Baler
Case 230 Conventional Baler w/kicker
Hesston SH10 Stacker

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Case Disk
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Sauder Loader For 8N
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770 NH Harvester w/2 RN & PU	$5951 00	$5.00	$4711.00
676 NH Tandem Axle Spreader w/gate	$3254 00	$5.00	$2014.00
FB 88 Gehl Blower	$850 00	$2.00	$648.00
66 JD Blower	$1390 00	$3.00	$1087.00
FB 99 Gehl Blower	$1395 00	$3.00	$1092.00
SSP-5 Glencoe Soil Saver	$3890 00	$5.00	$3385.00
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6' Case 3 pt Rotary Chopper	$450 00	$2.00	$248.00
11' AW JD Transport Disc	$950 00	$2.00	$748.00
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Grove Corn Drag	$350 00	$1.00	$249.00
Allied 1 Ton Grinder/Mixer	$2350 00	$4.00	$1946.00
MX 120 Hyd Drive Grinder/Mixer	$3850 00	$5.00	$3345.00
686 IH Tractor - 825 hrs	$14,900 0 0	$20.00	$12,880.00
717 NH Harvester w/1RN	$1950 00	$4.00	$1546.00
Sears 10HP Mower	$750 00	$3.00	$447.00
212 217 NI Single Beater Spreader	$1695 00	$4.00	$1291.00
214-217 NI Single Beater Spreader	$1595 00	$4.00	$1191.00
213 215 NI Triple Beater Spreader	$2550 00	$5.00	$2045.00
218 NI Spreader w/Hyd Gate	$3150 00	$5.00	$2645.00
Wic 3 pt Straw Chopper	$1095 00	$2.00	$893.00
IH 6x16 Semi-mount Plow	$2190 00	$4.00	$1786.00
83 Oliver 2 Row Wide Pull	$2490 00	$5.00	$1985.00
Kasten 2 Beater 16' Unloading Wagon	$1890 00	$5.00	$1385.00
763 3 RN NI Uni Harvester Head	$1800 00	$4.00	$1396.00

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323 1 Row Picker	$6,370
325 & 327 Picker	$11,728
324 & 327 Picker	11,931
802 Power Unit (plus rear weights)	43,756
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767 Harvester	9,553
868 Harvester	11,752
818 Combine	12,655
840 Feeder Housing	1,812
406 Rake	2,305
272 Cutditioner	3,817
279 Cutditioner	4,229
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MF 150 Tractor
AC D17 Dsl. Tractor
IH Tractor & Loader w/Forklift Attch.
MF 760 Combine w/Attchs.
IH #46 Baler
IH 440 Baler
NH 315 Baler
NH 269 Baler w/thrower
NH 510 Manure Spreader
NI 213 Manure Spreader
Hesston PT10 Mower Cond.
JD Grain Drill

NEW M.F. EQUIPMENT

MF 285 Tractor
MF 245 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
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MF 820 Disc Harrow
MF 520 disc harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter
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JD model 50 tractor
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MF 220 tractor, 26 HP w/mower
IH 1086 tractor w/cab
JD F125, 4x16, 3 pt. plow
JD F145A 5x16 semi-mount plow
JD F350 4x16 hydraulic reset plow
Freeman loader for MF 135 tractor
JD 336 baler w/ejector
JD 346 baler w/ejector
NH 855 round baler, 2 mth. old, like new
JD 567 6 wheel rake, like new
IH 56 corn planter w/disc openers
JD 494A Planter
JD 8300 grain drill, dd openers, 21x7
JD FBB 13x7 grain drill, excell. cond.
JD FBB 17x7 grain drill
JD FBB 17x7 grain drill for parts
JD 444 corn head

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JD 2440 Tractor w/Hi/Lo Shift, Roll Guard & Canopy, 16.9-30 Rear Tires $18,000*
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	L.P.	S.P.
JD 950 Roller Harrow 12'	6133.00	5250.00
JD 146 loader	3576.00	2750.00
JD 1550 power tail seeder	10,996	6595.00
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IH 5088 Tractor (rental unit, 250 hrs.)	$34,000*
IH 540 Manure Spreader	$3,300*
IH 781 Forage Harvester w/2 R Corn Head	$11,500*
IH 1190 9' Mower Conditioners	ea. $6800
IH 425 T Baler	$5800*

* Cash rebate or waiver of finance available

USED COMBINES

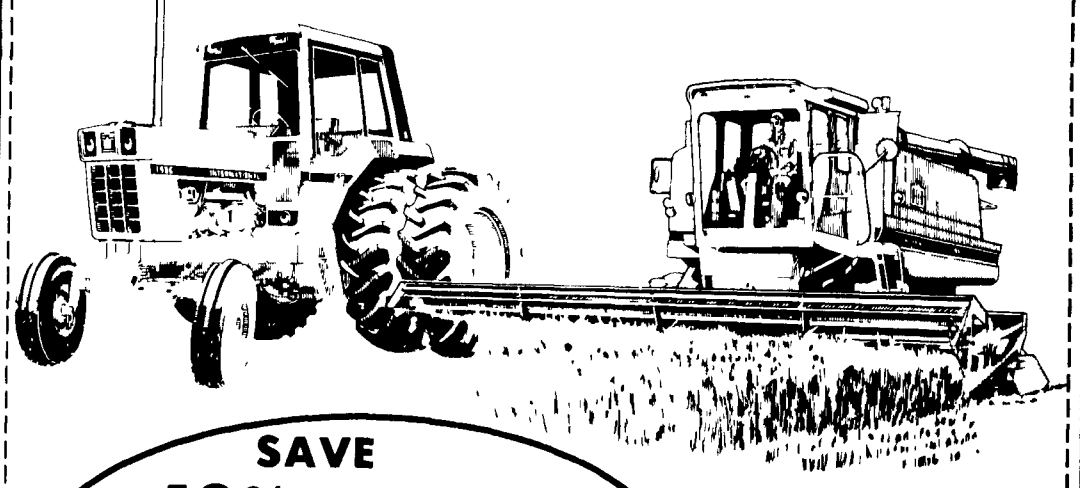
IH 715 diesel hydro combine, 900 hours SOLD header & 844 corn head, $19,000
IH 815 combine w/2 heads
205 IH combine w/2 heads

USED EQUIPMENT

Leyland 270 Diesel
Leyland 384 Diesel
Ontario grain drill
#56 Blower, nice
674 diesel, exc. cond.
T5 crawler, real nice
NI #402 hay rake
430 IH baler
#16 IH forage harvester
NI 214 manure spreader
706 IH tractor

Pre-Season Service Savings

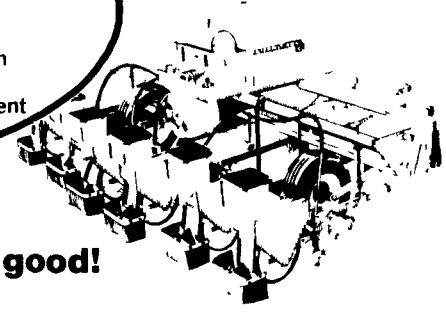
PARTS VALUE OF THE MONTH



SAVE 10% on parts when work is done in our Service Center

PLUS

SAVE 10% on labor when you make cash settlement



FIX IT while the fixin's good!

- We'll inspect your equipment thoroughly
- We'll repair any parts or components needing repair
- We'll replace those parts likely to fail during the coming season
- We'll lubricate your equipment and make all needed adjustments for top operating efficiency

INTERNATIONAL HARVESTER

OFFER GOOD THRU FEBRUARY 15, 1984

Call now and ask for Lamar to schedule your Farm Tractors and Equipment.
For Lawn & Garden Tractors and Equipment, ask for Leonard.

R.S. HOLLINGER & SON, INC.

PARTS & SERVICE

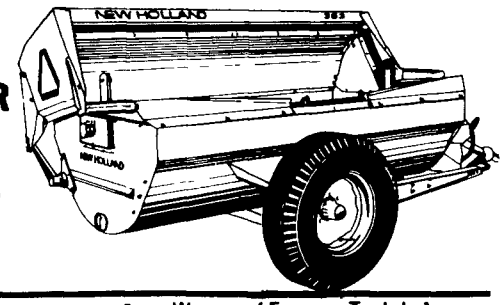
113 W. Main St.
Mountville, PA
Ph: 717-285-4538
TOLL FREE: 1-800-732-3525

Store Hours:
Mon. thru Fri. - 7 to 5:30
Sat. 7 to 12:00

CERTIFIED SERVICE

NEW EQUIPMENT IN STOCK

NEW HOLLAND MODEL 363 TANK SPREADER
Was $4,595
Now $4,295



WHITE FARM EQUIPMENT

WHITE 2-55 Tractor
WHITE 2-65, 2&4 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator

Waiver of Finance To July 1, 1984 on Hay Tools And Sept. 1, 1984 on Forage Tools
OR
4 9%, 7.9%, 10.9% For 12, 24 or 36 Months Respectively

NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
NH 363 Tank Spreader
NH TR75 Combine

KUBOTA We're looking for work.

bobcat 642 & 743

WOODS Division of Hesston Corporation

TYE No Till Drill

GLENCOE 7 Tooth Soil Saver

USED EQUIPMENT

HAYTOOLS

NH 30' Elevator
NH 56 Rake
NH 268 Baler w/Thrower
NH 68 Baler w/Thrower
Oliver 620 Baler w/Thrower
Gehl 880 Mower Conditioner

COMPACT TRACTORS

Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy
Farmall Cub w/Snowplow, Plow, Cultivator And Sickle Bar Mower

SPREADERS

NI 212 Spreader
NI 214 3-Beater w/Hyd. Endgate
NH 512 w/Hyd. Endgate
NH 346 Tank Spreader, LH
NH 367 Tank Spreader, LH

TILLAGE - PLANTING

White 5400 Planter
JD 1240 4-Row w/Monitor
IHC 550 5-16 Plow
Oliver 348 3-16 CT Plow

TRACTORS

Oliver 1755 w/Cab

NORMAN D. CLARK & SON

Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

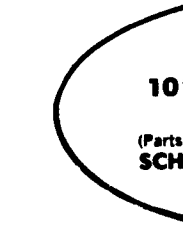
FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

MUST SELL BY JAN. 1, 1984
30'x40'x12' $5,000
50'x100'x14' $14,600
100'x100'x16' post and beam $27,709
Prices include del. to JOB SITE
WE ALSO HAVE SOME OTHER SIZE BUILDING ON SALE
COALE'S STEEL BUILDING SALES
1534 Arena Rd. P.O. Box 2
Darlington, MD 21034
301-452-5802 304-845-8243

1 S-30 Davis Stationary Horizontal Batch Mixers w/Beam Sealer (Brand New) $12,465 00 Will sell for $9,032.00
Farmer Boy Ag., Inc.
410 E Lincoln Ave
Myerstown, PA 17067
717-866-7565

Special Of The Week
160 BU. BADGER MANURE SPREADER
Demonstrated Little
$1890

EQUIPMENT FOR SALE OR LEASE
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls



SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa
Ph 717-299-2536

TRIPLE H EQUIPMENT
VERMEER | Vicon
Peach Bottom, Pa.
717-548-3775 or 717-548-2094

YEAR END SAVINGS
On All Mower-Conditioners
New Vicon Disc Mowers and Mower Conditioners
Used Vicon Disc Mower-Conditioners
Demo Vermeer Disc Mower Conditioner
Excellent New Holland 477 Used Haybine
Good New Idea 272 Cutditioner

SUPER SPECIALS

On Tedders & Rakes	Discount
Only (1) RC 330 Demo Tedder Rake	25%
Only (1) RC 300 New Tedder Rake	20%
Only (2) RS 500T-4 Star Tedders	20%
Only (2) H 1240 8 wheel V Rakes	20%
Only (4) H 620 4 wheel Rakes	25%

ALL DISCOUNTS Are Counted from OUR ALREADY Low 1983 Prices!
Prices Held while Quantity Lasts
So Call Today

INTERNATIONAL® AGRICULTURAL EQUIPMENT

WINTER SERVICE SALE
10% DISCOUNT
On All Repairs, Parts & Labor Done Through Our Shop Or Scheduled Through December 31, 1983
Cash Sales Only

THIS MONTH'S SPECIAL ON NEW EQUIPMENT

New Tractor Sale
5088 w/cab
3688 w/cab
3288 w/rops
3088 w/out rops
784 w/TA
684 w/TA
484, 42 HP

New Tillage Equipment
IH 720 5F 18" auto-plow
IH 510 4F 18" plow
IH 475 12' disk harrow
IH 480 13' disk harrow w/cyl
IH 496 19' disk harrow, wing flex
IH 4500 VS field cult , 12'6"
IH 5511 Chisel Plow
IH 6511 conser -till

New Hay & Forage Equip.
IH 428 baler w/thrower
IH 1190 mower cond
IH 781 harv w/2R head
IH 881 harv w/2R head
IH 130 16' forage box w/tan 12T gear

Material Handling
IH 2250 loader w/72" bkt
IH 1250 grinder mixer
IH 30 3 pt blade, 8'
IH 40 3 pt blade, 8'

USED TRACTORS

IH 3088, 80 hrs. (like new) .. $20,850	IH C $1250
IH 1086 D w/cab $22,500	IH 484 D w/300 hrs. $10,500
IH 966 D hydro w/cab $12,500	IH Super C, real nice $2150
IH 706 G, w/wide front $4850	

Waiver of finance until 3-1-84

USED HAY AND FORAGE EQUIPMENT

IH 37 Baler w/thrower $1800	Lamco 16' forage box w/roof .. $1850
IH 430 baler w/thrower $2850	IH 56 forage blower $750
NH 27 forage blower $975	IH 45 conv. blower $100
JD 34 forage harvester w/2 row head $1500	Gehl Forage box $1250

Waiver of finance until 6-1-84

USED TILLAGE

Oliver 565 4-5F 16" semi. plow $1650	IH 401 16' Harrow $600
Oliver 565 5-6F 16" semi-plow $1750	JD 6-7F 16" on land plow $1500
IH 720 4F 16" auto. plow w/cyl. (real nice) $3850	King 9' HC Chisel 3 pt. w/buster bar $1650
IH 710 5F 18" auto. plow w/cyl. $3950	IH 560 6F 16" plow w/cyl. .. $1500
	IH 550 5F 16" plow $1250
	IH 710 5F 16" plow w/cyl. $2250
	IH 541 4F 16" 3 pt. plow $500

Waiver of finance until 3-1-84

SPREADERS AND MISC.

NI Model 211 Spreader (Nice) . $1350	5th Wheel Steer Wagon chassis w/elec. brakes and tires $450
NH 679 tandem spreader w/hyd. endgate $3500	Little Giant Snow Blower, 6' w/VH4D Wis. Engine, elec. Start w/clutch, 24" Auger $2250
NI 214 spreader w/hyd. endgate $1850	
Portable loading ramp (for cattle) $200	

Waiver of finance until 3-1-84

USED PLANTERS AND DRILLS

IH 56 4 row $1250	IH 400 6 R 30" Planter, w/insect $3500
IH 400 4 row 38" $1500	
JD Van Brunt drill $500	

Waiver of finance until 5-1-84

MIFFLINBURG FARM SUPPLY, INC.
East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

SWOPE & BASHORE, INC.

Year-End Machine Inventory Reduction Sale — New & Used
Special Prices Without Trade-Ins — Ask! New & Used!

Tractors NEW
IH 5088 Tractor
IH 5288 Tractor
IH 5488 Tractor
IH 3288 Tractor
IH 584 DRC
IH 684 DRC
IH 244 D

Tractors USED
Farmall 806 D Tractor
Cab for 966 or 1066
IH F966D
IH F766G
IH F460D
IH F400D
Ford 860
JD 2440 w/Loader
JD A
MF 65D w/Loader
AC WD 45
JD 1010
IH 234D

Plows USED
Lily Power Harrow
JD 314 Plow
IH 211 Plow
IH 312 Plow
IH 311 Plow
IH 411 Plow
IH 560 Plow
Oliver 2F Trail Plow
JD 314 Plow
IH 450 Plow
IH 550 Plow
IH 531 Plow
Case 4F 16"

Combines USED
SP IH 205 Corn & Grain
SP IH #91
SP MF #35

Combines NEW
1460 Axial Flow
1420 Axial Flow

Tillage USED
IH Vibra Shank, 3 pt.
IH Vibra Shank Trail
IH 496 24' Fold Disc
Dunham 10' Cultimulcher
Brillion Spring Tooth
IH #24 Offset Disc
IH 122 3 pt. 8' Disc

Spreaders USED
IH 175 Spreader
IH 540 Spreader
NI 214 Spreader
Hawk Built 187 Spreader
Starline Spreader
Hesston Agitator

Skid Loaders
Bobcat 543
Bobcat 500
IH 3200
Case 1740D

Planters
IH 400 Cyclo 6R
IH 400 Cyclo 4R
AC 600 No-Til 4R
JD 1250 6R
IH 6200 Press Wheel Grain Drill
Ontario 13x7
JD 393A 4R
IH 449 4R
IH 56 4R
IH 249 2R
JD FBB Drill 15x7

Forage Equip.
NH 717 Harvester
JD 34 Harvester
JD #6 For Harvester
IH #16 Combine
IH #46 Baler
JD #14T Baler
NH #40 Rake
NH 23 Blower
IH 990 Mow. Cond.
Papec Forage Box
IH 440 Baler & Thrower

★ Check Our Snow Tire Clearance Prices! ★

Pre-Season Service Savings
PARTS VALUE OF THE MONTH

INTERNATIONAL AGRICULTURAL EQUIPMENT

SAVE!
10% CASH DISCOUNT ON ENTIRE JOB
(Parts, Labor And Transportation Charges)
SCHEDULED THRU DEC. 30th
Financing Available

Call Now To Schedule Your Pre-Season Repair Work Done By Swope & Bashore's Experienced Mechanics. Have Our Specialists Check Your Equipment Now To Be Set For The Spring Season Without Expensive Downtime!

CALL DELMAR STAUFFER
1-800-692-7467
To Arrange An Appointment

★ We Ship Parts UPS Daily or Can Deliver — Call Us For Details! ★

Stop In And Select Your Toys, Heaters & Tools For Christmas

Swope & Bashore, Inc.

Under New Management

OPEN MONDAY TO FRIDAY
7 AM To 5 PM
SATURDAY 7 AM To 11:30 AM

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138

Area Codes 215 & 717 Call Toll Free 1-800-692-7467

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

SPECIAL - CHRISTMAS PARTS DISCOUNT - SPECIAL

15% - One Parts Order, Minimum of $500 per Customer. Cash Only

10% - One Parts Order, minimum of $300 per Customer. Cash Only

No other discounts will apply to this special order

Ends December 31, 1983

SPECIAL T.L.C. SERVICE SPECIAL

9% Discount December 1983

On all labor or equipment repairs scheduled to be performed in our shop.
On all IH parts used to repair equipment in our shop.
We work on all makes... financing available.

PLUS FREE HAULING UP TO A 50 MILE RADIUS DURING DEC. 1983

Announcing Waiver of Finance on New and Used Tractors and Equipment plus Low Prices.

584 diesel row crop, 16.9x30 rear tires, 52 HP	$13,165
584 diesel utility, 16 9x28 rear tires, 52 HP	14,500
584 diesel, 4 wheel drive, 52 HP	17,600
684 diesel row crop, TA, 18.4x30 rear tires, 62 HP	17,200
884 diesel row crop, TA, 18.4x30 rear tires, 73 HP	19,990
720 5-18 reset plow, steel trash plates	8,800
4500 16' vibra shank field cultivator	2,800
560 manure spreader, 250 bushel capacity	5,150
56 blower	2,550
1300 3 pt. 7' sickle bar mower	2,200
881 forage harvester w/2 row corn head and grass head	18,000

WANTED: DEAD OR ALIVE ROUND BALER BUYER

One Only
IH 2400
Round Baler
$8,200
Cash

LOCAL GROWN USED TRACTOR

1066, 130 HP, 1975 model, 20.8x38 rear tires, one owner, we sold it new, we serviced it, used 2500 actual hrs., guaranteed

$14,500

Waiver of finance available until 3/1/84.

LOCAL GROWN USED TRACTORS & EQUIPMENT

Waiver of finance available till 9/1/84 on some items.

Massey 225 D w ldr, used 1150 hrs	$13,000	Used lawn & garden tractors	900 and up
Farmall M 51 model, new paint	1,750	D R Ellis 2 row transplanter	
IH 886 cab & air	18,750	Gleaner M 1974 model combine diesel engine, cab, 13' platform with pickup reel & 4 row corn head, one owner	18,500
JD 2010 row crop needs engine work	1,950	IH 400 four row planter no till	2,850
1066 Black stripe cab, exc cond	17,500	IH #56 four row double disc planter	1,850
3200 skid steer loader new paint	5,000	IH 400 6 row planter, no-till	3,750
JD 430 wide front	2,500	Athens model 131 13' HD disk harrow equipped with Buster Bar and 4" cylinder	5,650
IH 37 baler w thrower	1,450	JD #130F 4-14 3 pt plow	850
IH 37 baler w/thrower	1,450	IH 700 5-16 auto reset plow	2,950
IH 47 baler w thrower	1,850	IH #16 rake one owner	1,350
IH 430 baler w thrower guaranteed	2,750	IH #35 rake 3 years old	1,875
IH 37 baler	1,200	IH 990 7' & 9' mower conditioner	
Papec blower good condition	650	IH #530 3-14 3 pt plow	650
IH 56 blower new ring excellent	1,800	IH 710 3 16 reset semi-mount plow	2,750
AC blower	400	IH 540 4-14 semi-mount trip plow	750
IH 830 harvester w 2 R corn head	6,500	Farmhand loader	475
IH #93 combine	2,500	Badger forage box	1,400
500 gallon Walsh sprayer	1,200		
JD #345 4-16 reset plow, exc			
IH 370 disc harrow 11'6"	2,250		
NH 880 harvester w/2R corn head	3,700		

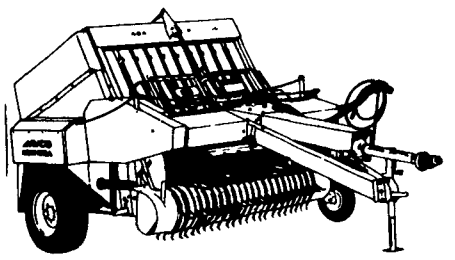
We ship parts by UPS daily We specialize in TLC guaranteed service

C & W EQUIPMENT, INC.

260 York Rd., Carlisle, PA 17013
717-243-4419

Winter Specials...

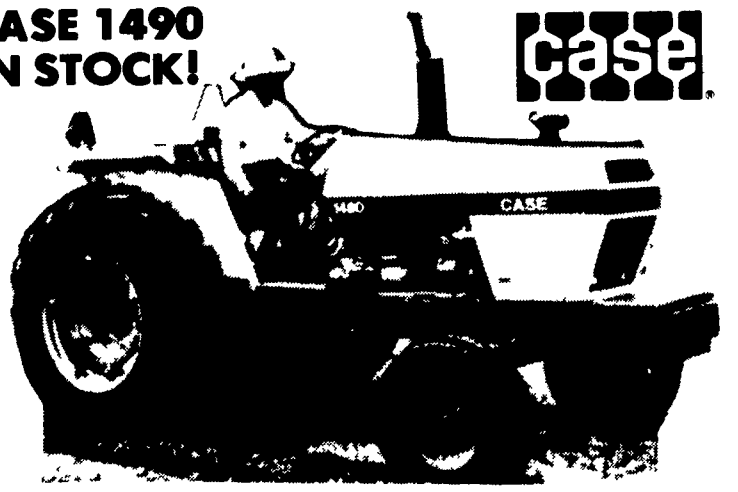
NEW IDEA BIG BALER SPECIAL



BUY NOW AT DISCOUNT OR RENT LARGE BALER FOR $5 PER BALE!

CASE 1490 IN STOCK!

case



- Serial #11183622
- 335 Hours
- One Only... Priced To Sell!

$15,000 (Without Weights)

ZIMMERMAN'S FARM SERVICE

Bethel, PA
Phone 717-933-4114

SLURRY BUGGY

Vacuum tank Liquid Manure Spreader

1500 gal. tank will load in approx. 1½ minutes

2900 gal. tank will load in approx. 2½ minutes

1500 & 2900 gal. tank spreaders designed to load and unload fast to save you time.

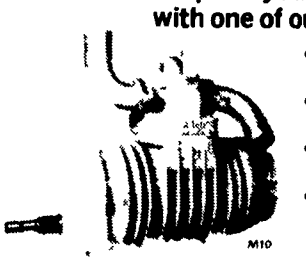
Standard:
- Large 192 CFM model M 10 MORO pump
- 6" hose inlet for fast loading
- Hydraulic rear valve and indicator
- Moisture trap and secondary trap for pump protection
- Load level indicator and sight glass
- Heavy duty walking beam suspension on 2900 gal. model

Option:
- Giant vacuum pump, 350 CFM for loading heavier liquid manure (Wally model 750)
- 6" hand side valve for easy loading
- 2 and 4 tooth injectors for injecting your manure

Buy your own spreader and you can:
1 - Haul your manure when and where you want to.
2 - Help keep your farm disease free by hauling your own manure.
3 - Use spreader in summer time for hauling water to water your crops or garden
4 - Use spreader for hauling liquid fertilizer or feed.
5 - Put on injectors and inject your manure, save on fertilizer $ and keep your neighbors smiling. (less smell).

Look at our Prices:
1500 gal. spreader with used 1000-20 truck tire - $5,375
With new 26 ply air craft tire - $5,695
2900 gal. spreader with used 1000-20 truck tire - $6,800
With new flotation tires - $7,300
Prices include 14 foot of suction line.

Farmers replace your old pump with one of ours



- Rotor Speed 1000 RPM's
- Air Capacity 192 cfm
- PTO Speed 540 RPM's
- Built in two way value to change pump from vacuum to pressure.
- Built-in oiler to lubricate pump.

VACUUM PUMPS, HOSES, TRAPS, VALVES, ACCESSORIES

SLURRY BUGGY EQUIPMENT

RD 2 Box 148 717-859-3869 Ephrata, PA 17522

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Used Parts For:
AC: B, C, WC, WD, CA
Case: All models to 1370
Ford: 8N, 9N, 600, 800, 900, Major, Dexta, 6000, Jub.
DB: 990, 995, 1200
IHC: 684, 656, 674, 574, 460, 400, 300, 350, A, B, BN, H, M, C, W4, W6
JD: 2010, 60, 430, 420, 40, MC, A, B
Oliver: 66, 77, 1850
MF: 20, 30, 85, 60
Many others; MH, CK

Industrial:
IHC 3616 Loader
Case 310 Crawlers
Oliver OC-3
AC HD4 Crawler Loader

New Arrivals:
AC D14
IHC D250

Wanted to buy:
100 Used Tractors For Parts or For Resale

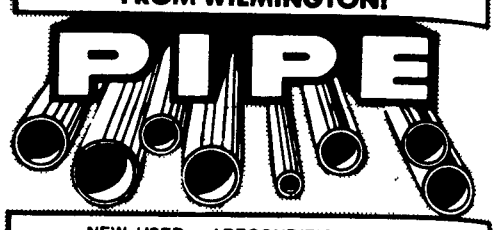
Ed Goodrich, Jr's Tractor Parts Co.
Rt. 38 & 38B, Newark Valley, NY
607-642-8688

FORD 5000 Diesel with Cab
8 speed transmission, 8-front end weights, 2-front wheel weights, 4 rear wheel weights, 18.4-30 rear tires
Priced at $6,900
717-859-3118

G-1000 M/M very good condition, Case 800 3 pt. hitch w/PS. 301-833-1847.

MF 1080 diesel, wide front, multi-power, dual hydraulics 814-793-4293.

H. SCHWARTZ & SONS, INC.
NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!



NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES ALL TYPES FABRICATION THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

SPECIAL OF THE MONTH
New JD 2600 5-Bottom Spring Reset Plow
List $9686
Sale $7000. No Trade

NEW TRACTORS
JD 650 MFWD
JD 750 MFWD
JD 2350
JD 2640
JD 2750
JD 2950
JD 2950 MFWD
JD 2950 MFWD & Cab
JD 4050 RG, PS
JD 4250 Cab, PS

NEW EQUIPMENT
JD 7000 Cons. Planter, 4 Row Dry or Liquid Fert
JD 712 Mulch Tiller, 11 ft. 3 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 3-16" Plow
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 1209 Mower-Cond., 9 ft.
JD 1326 Mower-Cond.
JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 567 Wheel Rake
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 66 Forage Blower
JD 716A Forage Box
JD 506 Rotary Cutter, 5A.
JD 709 Rotary Cutter, 7 ft.
JD 5½ & 7 ft. Hay Pick-up

USED EQUIPMENT
JD 1520 Gas Tractor w/145 Loader w/Roll Guard & Canopy
JD 307 Rotary Cutter
JD 3 14" Plow
JD 290 Corn Planter, 2 Row
FB-A Grain Drill, 13x7
JD #18 Corn Picker 3 Pt. Sprayer
IH Cub Lo-Boy w/5 ft. Woods Belly Mower
JD 850 Tractor w/Turf Tires, 112 hrs.
JD 60 Skid Steer Loader, like new
JD 70 Skid Steer Loader
Case 1537 Skid Steer Loader
JD 216 Forage Box w/1065 Wagon
Badger Forage Box w/3rd Beater & Roof
Hesston 1090 Haybine, 9 ft. 3 in.
JD 480 Mower-Conditioner
JD 640 Rake, 8½ ft., 5 Bar, Sharp
JD 40 Spreader w/Rear Pan
JD 54 Spreader w/Hyd. Endgate
JD 7000 4 Row Planter w/Coulters, Dry Fert.
JD 694A 6 Row Planter w/Hyd. Markers
Case 5 Bottom Plow
JD 65 Rear Blade, 7 ft. like new
Speeco Post Hole Digger
Star Post Hole Digger
Flatbed Utility Wagon
JD 2 Row Wide Corn Head

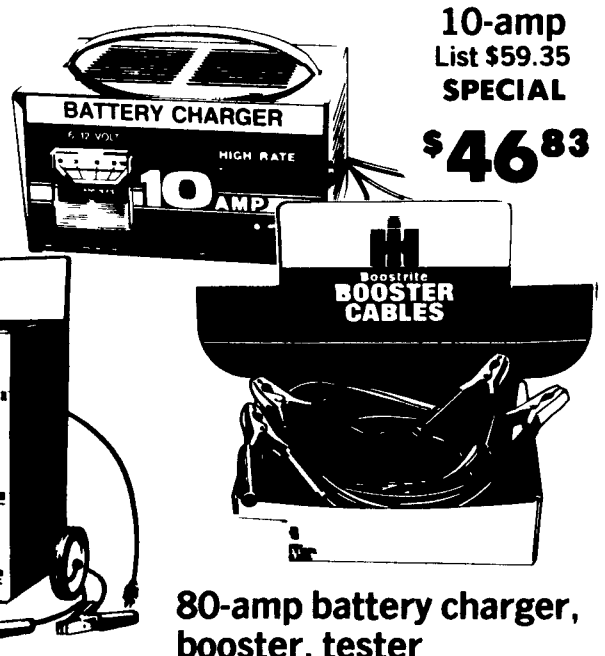
Miller-Lake, Inc.
R.D. #2 Box 273A
Belleville, PA 17004
Ph. (717) 935-2335

JOHN DEERE

Christmas Bell Ringer Sale!

IH. PARTS VALUE OF THE MONTH

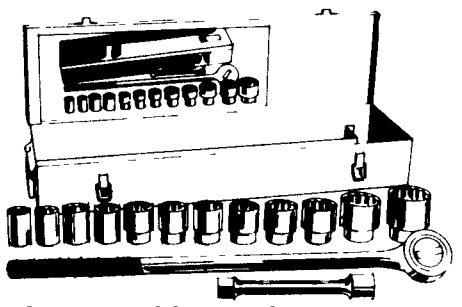
Save on gifts that keep giving!



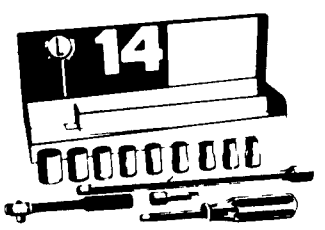
10-amp
List $59.35
SPECIAL
$46.83

List Price $269.95
Special Price ~~$242.95~~
OUR PRICE ONLY **$212.59**

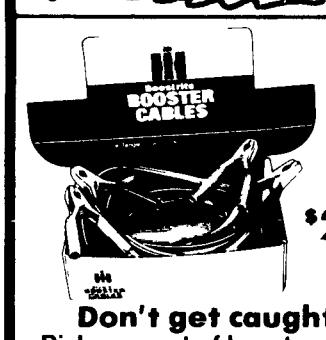
80-amp battery charger, booster, tester
Charges to 80 amps, boosts to 300 amps. Tests alternators and batteries. Professional quality.



15-piece ¾" drive socket set
Top quality.
Special price **$119.95**
Save $84.50
(Based on individual piece list prices)

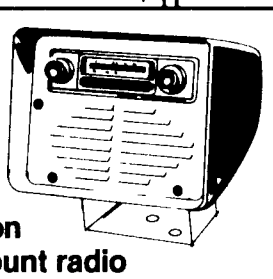


14-piece ½" drive socket set
Perfect set for basic tractor work. Field grade.
Price cut to
$25.49

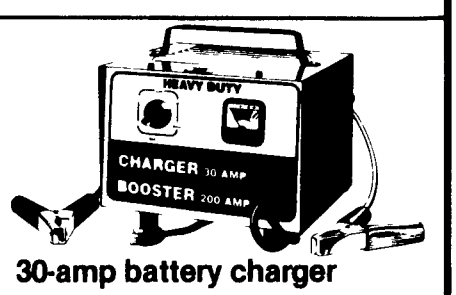


Now Only **$20.68**

Don't get caught short
Pick up a set of booster cables now at greatly reduced prices.
12' 400 Amp 6 gauge copper

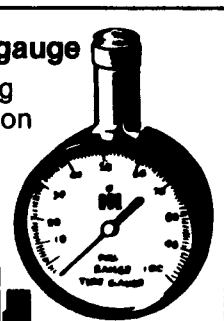


AM/FM pushbutton fender mount radio
All solid state construction. Rust-resistant housing.
Special price **$127.67**



30-amp battery charger
200-amp boost, 5-amp slow charge. Amp meter.
Special price **$108.70**

Easy-read tire gauge
Accurate reading with air or solution to 100 lbs.
Special price
$5.95



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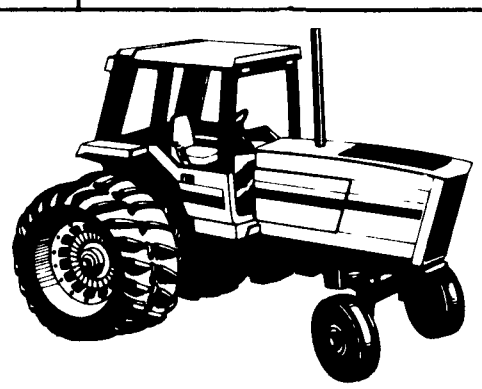
Toys! Fun for the kids!
Rugged, scale-model action toys styled just like the big tractors and implements.
5288 International tractor
Gift priced at only
$20.69



MESSICK FARM EQUIPMENT, INC.
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Elizabethtown, PA
VISA
PHONE: 717-367-1319 **653-8867**

FARM EQUIPMENT

MF 14 combine w/cab,w/44 corn head and 13' grain head. 630 JD tractor. 301-663-5072.

For Sale - MF 1100 Diesel. Multi-power, dual valves. $6000. or make offer. Lancaster Co. 215-445-5898

FARM EQUIPMENT

1972 Ashley rubber tired front end loader. Also has mounts for grader, make offer, 215-385-3884.

For Sale - IH 1456 w/cab, duals and PTO, good condition. 717-464-3697.

IH 656 wide front 3 pt. 814-793-4293.

FARM EQUIPMENT

Minneapolis Moline G900 diesel, original paint, like new. 814-793-4293.

MF 65 diesel, 3 pt. hitch, wide front. 814-793-4293.

For Sale - JD 4620 Tractor, excellent condition. 717-284-2761.

Mix Mill
Bucket
Elevator
Dryer
Hog Feeders,
etc.
Owner Retiring
Make Offer
1-301-833-5228

FARM EQUIPMENT

WANTED
2 or 4 row no-till corn planter
717-225-3616
York County

FARM EQUIPMENT

FARM EQUIPMENT

SUPREME BATCH MIXERS
New and Used. 60 bushel Capacity.
Includes Eaton Electronic Scales
VIRGINIA SILO CO.
703/879-2541

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Farm Equipment Is Our Business
RHEEMS EXIT, RT. 283, ELIZABETHTOWN, PA.
Phone: (717) 367-1319 Warren Spickler-Home 653-4560

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We Ship UPS

1953-1983 30th Anniversary

INTERNATIONAL® 5088 TRACTOR

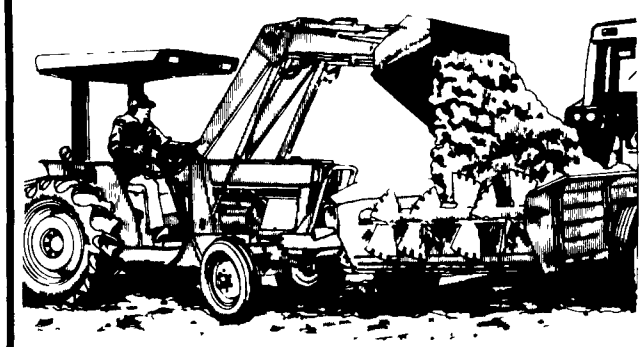
136 PTO hp

Farmers #1 Choice

The New IH Tractor gives you #1

- Performance
- Productivity
- Reliability

INTERNATIONAL 584 TRACTOR



2250 QUICK-ATTACH LOADER

GOOD USED TRACTORS

- IH 1086D w/Cab & Air
- IH 1066D w/Cab New Rubber

INTERNATIONAL 595 SPREADER

- HYDRAULIC ENDGATE
- UPPER BEATER
- SPLASH GUARD

All This For $8500.00

Plus CASH REBATE OR WAIVER OF FINANCE

WAIVER OF FINANCE TILL MARCH 1, 1984 OR CASH REBATES OR TRIP TO ENGLAND

A GOOD SELECTION OF USED EQUIPMENT

TRACTORS
IH 1086 w/cab (excellent)
IH 656D Hydrostatic Drive Farmall H

SPREADERS
IH 3 Beater 160 Spreader
NH 365 Tank Spreader
New Idea 243 w/Gate
NH 327 Spreader, 3 Beater
NI Model 214 3 Beater Spreader, Excellent Condition

TILLAGE
Int 440 4 Bottom Plow
Glencoe 13 shank Chisel
JD 350 6 bottom auto reset Plow
Brillion 10 Ft Packer
IH 53, 4 Row Cultivator w/3 Pt Hitch
IH 311 plow
IH 37 Disk Harrow
Athens 9 Shank High Clearance Chisel Plow
Glencoe 7 Shank Soil Saver
Brillion 9 Shank High Clearance Chisel

MISCELLANEOUS
JD 3 Section Rotary Hoe
New Idea 1 Row Pull Type Corn Picker
NH 354 Grinder Mixer
NH 352 Grinder Mixer
NH Model 155 Elevator, 24 Ft
Lilliston 72" Rotary Shredder
IH 2355 Loader, Demo

PLANTERS
IH 800 4 row corn planters, dry fertilizer, monitor, insecticide, ex cellent condition Don't Miss This Good Buy - Waiver Till Next March 1984
IH 400, 6 Row, Monitor, Fert At tach , Insecticides, Fully Equipped
IH 56, 4 Row, Fert
Int 56, 2 Row
Ontario 16 Disc Grain Drill (Nice)

HAY & FORAGE EQUIPMENT
NH 268 Baler & Thrower
JD 24T Baler & Thrower
Used N H 1495 S P Haybine w/12 Ft Rolareel Header, Ex Condition
NH 469 Haybine
NH 495 Haybine, 12 Rolareel End w/Transport, Ex Condition
NH 27 Whirlateed Blower
JD 3800 Harvester, 2 Row Cornhead & Pickup Att
Gehl Model CB600 w/2 Row Cornhead & Pickup Attach
IH Model 56 Blower, H D PTO
IH Model 60 Shredder, 6 Narrow Rows, 4 Transport Wheels, Cylinder & Hose (Excellent)
IH Model 56 Blower, New Band
NH Model 890 Forage Harvester w/Electric Controls, New Knives, 2 or 3 Row Cornhead & Pickup At tachment
NH Model 1469, 9 Ft Self Propelled Haybine w/Ford Engine
NH 479 Haybine Excellent
Int 555 Harvester w/2 Row Corn Head
NH 234 Wagon w/Flotation Tires, Adjustable Tongue
NI 4 Row Shredder
NH 278 Baler w/58 Thrower
NH 38 Flail Chopper Excellent
Badger Silage Box, Tandem Axle

SKID STEER LOADERS
NH L425 Skid Loader
NH L775 Diesel Skid Loader
Owatonna Skid Loader, 38 HP, Water Cooled

NEW HOLLAND

CASH REBATES, LOW RATE FINANCING OR WAIVER OF FINANCE TILL JULY OR SEPTEMBER 1984

(Depending on What You Buy)

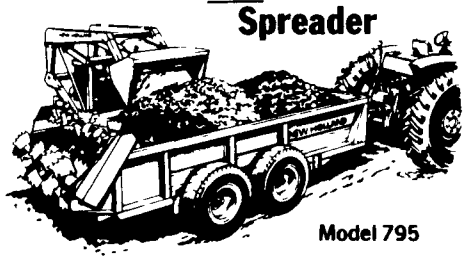
PLUS

NEW HOLLAND WINTER BUYERS DIVIDEND

On All Hay & Forage Equipment
Up to $3000 Rebate

A Reminder...Buy In 1983 For Your Tax Investment Credit

NH MODEL 795... A BIG 410 Bu. Spreader

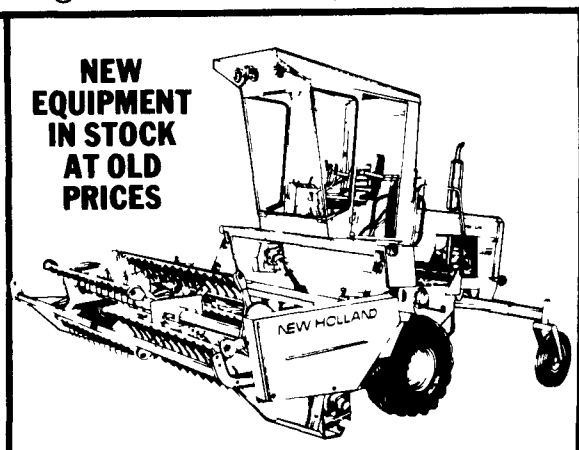


Model 795

NOW With:

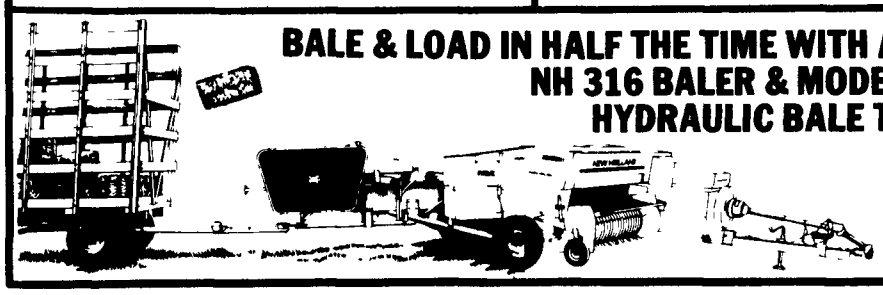
- Flotation tires
- Better end gate
- Longer hitch
- Two double aprons
- Power rear pan closing
- Faster clean out
- A big 410 bu.

NEW EQUIPMENT IN STOCK AT OLD PRICES

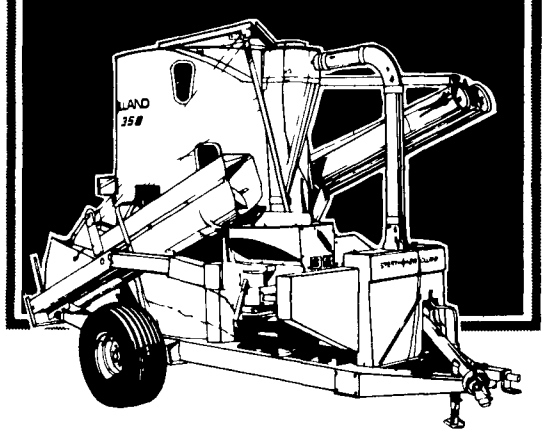


1495 Haybine® Mower Conditioner 12 ft. cut w/9 ft. conditioning rolls for faster drying action.

BALE & LOAD IN HALF THE TIME WITH A NH 316 BALER & MODEL 75 HYDRAULIC BALE THROWER



The feed processor.



NH 358 GRINDER MIXER

- 21" Hammermill
- 125 Bu. Tank
- Hydraulic Drive

Optional: Scales

MODEL 355 AND 353 MILLS ALSO IN STOCK AT A GOOD PRICE

Call For Details

STIHL
THE WORLD'S LARGEST SELLING CHAIN SAW

MESSICK FARM EQUIPMENT, INC.

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PHONE: 717-367-1319, 653-8867
WARREN SPICKLER -- HOME 653-4560
★ WE SHIP UPS

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THE NEW GLENCOE® SOIL SAVER

With More Trash Clearance

We Specialize In Glencoe® Soil Savers
Check With US For Special Prices

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

NEW:

HOOK-N-LINK CHAIN

- 2" high Angle Flight, 24" Centers @ $8.85/ft.
- 2" high Angle Flight, 18" Centers @ $9.35/ft.

Our chain will replace existing installations of Patz, Berg and Jamesway. Corner Rollers, Reverse Curves and Sprockets are also available!

BALE CHOPPER — GOOSSEN

3-Point, mounted with blower and distributor for feeding hay into a Mix Wagon with silage and grain for a TMR.

ROLLER MIXER

6½" Cut, Demo Unit w/Cob Crusher & Husk Shredder, 105 Bu. Tank, 14'8" Unloading Auger

BONITA PRODUCTS
(717) 263-8914

Engine Specialists Since 1915

WHITE ENGINES

Makers Of HERCULES Engine

The Diesel For:
- SHOPS
- GENERATOR SETS
- REPOWER, ETC.

Direct Injection Makes It Easy Starting

DIESELS OUR SPECIALTY

Let Us Know Your Service Problems
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HOOVER DIESEL SERVICE

PH: 717-656-6133
2998 West Newport Rd.
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2½ mile East of Leola - Along 772

PH: 717-786-2173
RD 3, Box 91A
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2 miles west of Georgetown on Furnace Road

DEALER INQUIRIES INVITED

Used Equipment Specials...

Case 646 Loader and Backhoe
Used wood splitters
Woods 80" 3 pt. Rotary Mower $750
B 7100 4 Wheel drive Kubota, 500 hrs. Was ~~$4,500~~ . . . Now $3,995
PIX tone 30" Stone Picker $595

New Equipment Specials...

Yanmar 15 HP 2-WD $3,695
Yanmar 15 HP 4-WD $4,100
AMCO Disk $4,495
Landoll 7 Tooth Chisel Plow $1,500
Fuerst Flexible Tine Harrow $650
500 Gal. Field Sprayer, 35' Boom . $1995
3 pt. Cordwood Saw
3 pt. Hookup Cement Mixer

MARTIN HARDWARE & EQUIPMENT CO.
1½ M. south of Schaefferstown, Pa. on Rt. 501
Phone 717-949-6817
Open Mon.-Fri. 8 to 8; Wed. 8 to 12; Sat. 8 to 5

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case

Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery.
Case 1690 Dsl. tractor, no cab, 265 hrs.
Used NI #324 2 Row Wide corn Picker, good shape.
(New) NI 324 2 Row Wide Corn Picker Super Price.
JD 7100 Corn Planter, A-1 shape, set up for fert.
Case 308 Plow at Good price
SC 7 Soil Controller
NI 727 Husking beds, good shape
Plus NI 702 Uni-Tractors, mow/ditioners, tractors & spreaders in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

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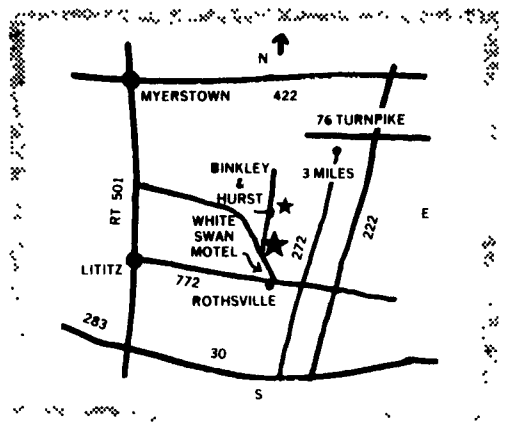
case

BINKLEY and HURST BROS. INC.

Invites You To Our Annual



DISCOUNT CASH and CARRY DAYS

DECEMBER 12 through 29, 1983

Closed Monday, December 26th

GOOD NEWS!
Here Is The Place To Save $1000's of Dollars On Parts And Machinery

LOCATED AT:
133 ROTHSVILLE STATION ROAD
LITITZ, PA 17543

Hours: Daily 7 A.M. to 5 P.M., Sat. till 11:30 A.M.
Evenings By Appointment
Sale ends: Thurs., Dec. 29 at 5 P.M.

FREE REFRESHMENTS ALL WEEK

Try The NEW U.H.T. MILK

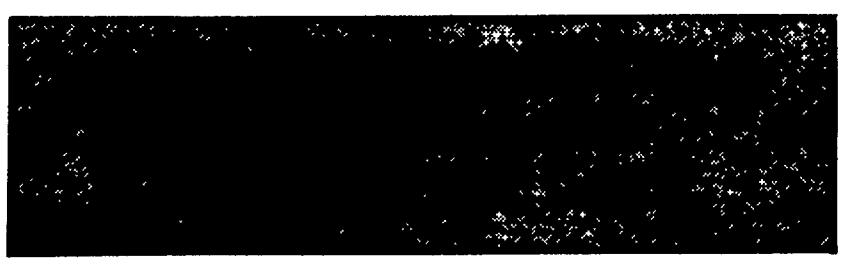
Not Responsible For Typographical Errors

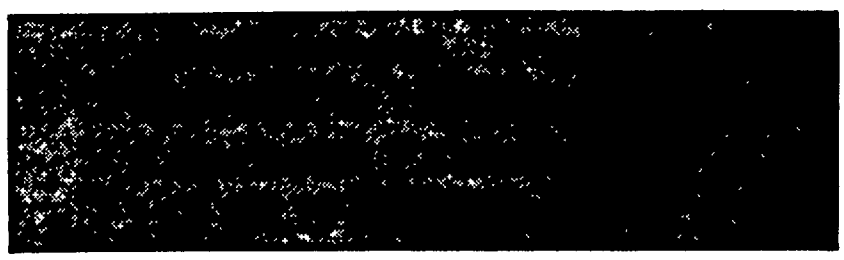
Dear Customer Friends,

NOTICE! We sell machinery in large volume quantities throughout the year, but there comes a time when we must clean out the corners. Now, in order to do that, we sometimes discount machinery to below our actual dealer net cost. During our Special Discount Cash & Carry Days we will do this to many items.

So, if you are in the mood to save $$$ now is the time, during our Special Limited Time Sale before our year-end inventory. Throughout our Cash & Carry Days we do offer financing at competitive fixed rates to all eligible customers.

NOW IS THE TIME!!!





BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd. Lititz, PA 17543

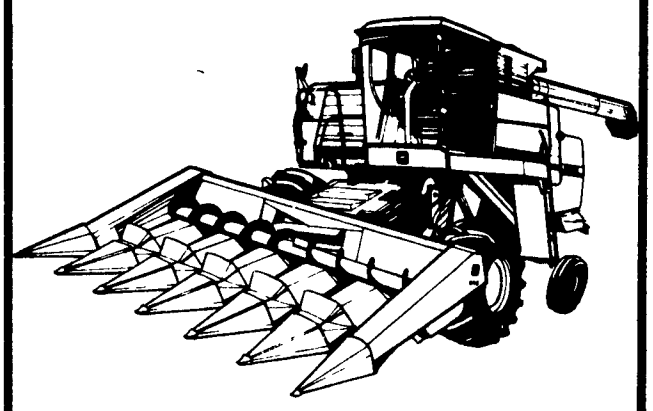
PH: (717) 626-4705

Business Hours: Mon.-Fri. 7AM - 5 PM: Sat. 7 AM - 11:30 AM

TRACTOR EXTRAVAGANZA

Special reduced prices on all John Deere models in stock. Good variety available with many features. Quick delivery.

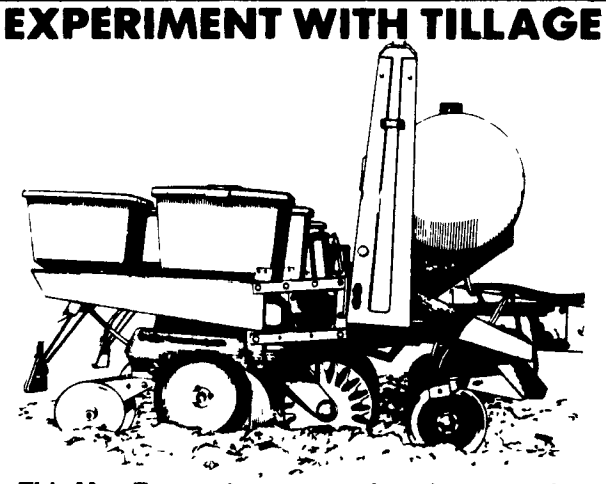
LEVEL YOUR SLOPES



Maximize crop savings on slopes with a John Deere SideHill 6620

Up To $5200 In John Deere Rebates Available On This Model.

EXPERIMENT WITH TILLAGE

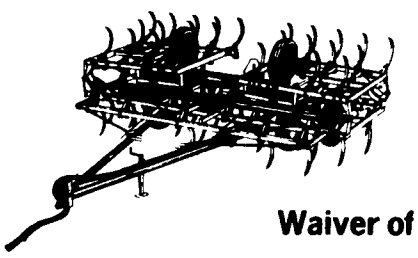


This Max-Emerge' conservation planter works in nearly all field conditions.

Save Up To $7500 in JD Rebates. Waiver Of Finance Until April 1984.

TRANSPORT AND STORE EASILY

Wide-working John Deere field cultivators fold up and over for easy transport, easy storage.



Call for our special price on 18' model

Waiver of Finance Until March 1984

This is a used equipment clearance - we need to generate cash!

This Week's Used Equipment Specials

JD 2520 gas, wide front, repainted, extensive repairs made **$5,500**

1979 6650 Fox self-propelled harvester w/rear wheel drive, heater, 3 row corn head & hay pickup **$26,000** no trade

IMPLEMENTS

Tractors

JD 4020 diesel, wide front, power shift
JD 4630 tractor, cab, air, quad range trans.
JD 8640 tractor, repossessed, low hrs., cab, air
JD 4230 tractor, quad range trans. w/Sound Gard body
JD 4230 tractor, quad range w/rollguard
JD 2520 w/WFE, gas, side console

Used Hay Equipment

479 NH haybine
PT 10 Hesston mower conditioner
1209 JD mower conditioner
24T JD baler w/model 30 ejector

Other Implements

7000 6 row JD planter, liquid or dry fert
1240 4 row JD planter, dry fert.
1440 4 row JD planter, dry fert.

Combines

JD 6620 combine w/643 corn head and 200 series flex platform, power rear wheel drive repossessed, exc. condition
JD 6620 combine w/643 corn head and 200 series flex platform, repossessed, exc. condition
JD 4400 combine w/443 corn head and 13' platform
AC L2 combine w/6 row corn head and 15' flex platform
1981 JD 7720 combine w/643 corn head & 215 flex platform, 4 WD, only 850 hrs.
JD 7700 w/643 corn head, 216 platform
JD 443 corn head
JD 95 combine, engine completely overhauled w/4 row wide corn head & 13' platform

PARTS FOR NEW HOLLAND HAY EQUIPMENT SEASON END CLEARANCE SALE

Receive 20% discount on all knives For Sperry-New Holland haybines Models 479, 489, 495 & 1495

Discounts will also apply to guards & knife head bushings

DEERE'S COMMITMENT TO YOU

At John Deere, your new machine buy has a solid backing of parts, service, and good trade-in value

BUY NOW...

PAY NO FINANCE CHARGES ON THESE MACHINES UNTIL SPRING 1984

OXFORD GREENLINE, INC.

Hours: 7:30 AM - 5:00 PM thru Fri.
7:30 AM - 12:00 PM Sat.

RD 1, Oxford, PA
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215-932-2754

PACE

John Deere design, dependability and dealers make the difference

FARM EQUIPMENT FARM EQUIPMENT

Badger JOHN DEERE HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS

JD 4440 PS w/Cab 917 Hrs (Sharp)
JD 4040 QR w/Cab 1300 Hrs
JD 650 Repo w/Turf Tires
JD 820 3 cyl. Diesel
MF 265 Diesel
MF 135 Gas w/Loader
IH Farmall M Tractor
IH Farmall Cub w/Rotary w/Sickle Bar
Oliver 66 Gas
AC 190xT Series III Diesel

MISC. EQUIPMENT

Small Houg Pay Loader
Mighty Mac Skid Loader
Sauder Loader (Like New)
JD FB-A Grain Drill
JD 727 13' Rotary
JD 272 Rotary Mower
Ford Rotary Mower
Case 330 Baler
Gehl 9' Mower Cond Thrower for MF Baler

Year End Clearance on New Equipment

7-Shank Soilmaster	5,150 00
JD 1710 Mulch Tiller	4,995.00
Grain-O-Vator	4,500 00
Moore 10' No Till Drill	10,500 00
GT 37 Dryer	7,500.00
Badger Blower	1,995 00
Badger Ear Corn Mill	8,900 00
Badger 220 Bu Spreader	4,900 00

Coming

84 FARMING FRONTIERS

Friday Jan. 13, 1984

PIKEVILLE EQUIPMENT, INC.

R.D. 2, Oley, PA
Phone: 215-987-6277
Berks County's Full Line John Deere Dealer-
Serving The Oley Valley 47 years 1936-1983

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A WARRANTY/WILL DELIVER ANYWHERE

1978 JD 6600 Diesel w/Hydro., Air Conditioning AM-FM, Very Sharp, 1480 Hrs.
NI 708 Diesel, hydro., cab & air
NI 737 huskers (1)
NI 738, 4R narrow corn head
NI 730 4R wide cornhead
MF 300 combine, quick tach w/2 heads
JD 4000 D, wide front w/cab
JD 4020 D, w/cab, wide front, sharp
JD 4020 D, wide front, 38" rubber, real good
JD 4010 D, 38" rubber wide front
JD 3020 Diesel, wide front, fully equipped
JD 4320 w/factory cab, 38" rubber fully equipped
JD 4520, syncro. range, factory cab, quick hitch, diff. lock, dual hyd., (also has 4620 after cooler up date kit), clean
IH 786 1981 model, fully equipped w/only 100 hours, diff. lock and 38" rubber
IH 1086 cab & air, fully equipped
IH 1066 w/cab, good solid tractor
IH 856 wide front, 3pt., 38" rubber
IH 1456 w/factory cab, very clean
IH 1456 w/cab, duals & weights, solid tractor
IH 1256, cab, dual PTOs & hydraulics, 38" rubber, clean, tractor
IH 656 Diesel, real clean
IH 856 Diesel, wide front
IH 686 Diesel, 806 hrs., 1 SOLD tractor
IH 1206 w/cab and new TA, very clean
IH 706 Diesel, SOLD ractor
IH 756 gas, real good tractor
IH M Farmall
IH 300 Farmall, gas w/fast hitch and power steering
IH 706 gas w/recent complete overhaul
IH 706 gas, WF, 3 pt.
IH & JD cabs (used)
Year round cab w/air fits IH 06 to 66 series tractors
Year round cab for JD
Factory cab for 701 and 702 Uni

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Business Ph. 717-786-1606 &
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Intercourse, PA

Is Having A

BUSINESS CONSOLIDATION

AND INVENTORY REDUCTION

YEAR-END SALE

TUES., DEC. 27th thru SAT., DEC. 31st

PUBLIC AUCTION- FRIDAY, DECEMBER 30th

Listen To Charlie Hoober...

There Will Be Bargains For Everyone!

A year ago in November we purchased the IH dealership in Middletown, Delaware and consolidated it with our Steiger and Krause business in Sudlersville, Maryland to form Hoober Equipment Inc., Middletown, Delaware. This left us with a duplication of equipment, shop tools, parts and much more. We are going to sell these excess items at auction.

This auction sale also gives us the opportunity to reduce and balance our other inventories of machines and parts. Selling these excess items will make room for new and better inventories of tractors and machines.

I appreciate your supporting us in the past years and I want you to know that the items we offer for sale we want to sell. So come prepared to buy. There will be bargains here for everyone.

Charlie Hoober

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

C.B. HOOBER & SON INC.

INTERCOURSE, PA 717-768-8231

★ Call Us - We Probably Have It ★ Will Ship Same Day Via UPS-PPSH-BUS-AIR FREIGHT, Etc

Radio Controlled Trucks For Better Service

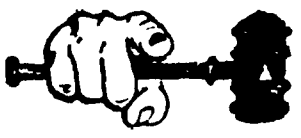
THIS IS HOOBER'S BIGGEST SALE EVER!

SPECIALS ALL WEEK
Dec. 27th - Dec. 31st

1. PARTS SPECIALS

2. ALL NEW AND USED TRACTORS AND MACHINERY TAGGED WITH SPECIAL PRICES

Watch Next Week's Ad
For Complete
New And Used
Machinery Sale List



PUBLIC SALE

OF NEW & USED EQUIPMENT, TRACTORS, TOOLS & PARTS

FRIDAY, DECEMBER 30, 1983

At 9:00 A.M. Sharp

Located 8 miles east of Lanc. along Rt. 340 in Intercourse, Lanc. Co. Pa.

NOTICE — Last year we consolidated three dealerships into two, we're selling excessive parts, shop tools, new & used equipment, combines & used tractors.

TRACTORS

IH 1456 Diesel; IH 706 Diesel; IH F966 Diesel; IH 450 Gas; Cub; Plow & Cult.; IH B414 Gas with 101 Loader; Farmall H with pulley; Deutz D5506 on steel; IH 3200A Skid Loader; MF 1100; Year Round Cab for IH; Front, Rear & Suitcase Weights; IH Fuel Tanks; Year Around Cabs; Set of 18 4x38 Duals; Hubs for Duals.

COMBINES

IH 815 Diesel with 13' Platform; Gleaner F Gas with 330 Corn Head 13' Platform; 2 - MF 300 with 2 Row Corn Head 13' Platform: JD 643 Corn Head; JD Straw Cutter; Neco Hillside Grain Saver; AC 440 Corn Head; IH 863 Corn Head; IH 844 Corn Head; IH 744 Corn Head.

HARVESTERS & BLOWERS

IH 650 Direct Throw; N.H. 717 with 1 Row Corn Head & Cutter Bar; 2 - IH 2 Row Corn Head, 1 pickup for 550 & 650; N.H. 27; Gehl 88; AC 480 Blowers.

NEW EQUIPMENT

18' Bale Wagons with Running Gears; IH 720 5F - 18' Auto. Plow; IH 720 4F - 18" Auto. Plow; IH 55 11' MTD Ch. Plow; IH 4500 - 16'-6" & IH 4500 - 12'-6" Field Cult.; Two - IH 350 - 10' 6" Disc; 2 Krause 16' Rockflex Disc; Eight - IH 295 Planter Units; IH 3 Row Unit for 830 Harvester; Krause 21' Field Cult.; Krause 7' & 9' Chisel Plows; 1068 No-Till Hay Buster Drill; Lely Fert. Spreader; Brillion 5' Grass Seeder; Pequea 7' PTO Hay Tedders; Grimm - 7' PTO & Ground Drive Hay Tedders; Century 240" Wick Applicator.

USED EQUIPMENT

NH 7' Cutter Bar Mower; IH 7' Fast Hitch Cutter Bar Mower; 3 point 6' Disc; 8 Rolls BEAN Potato Digger Chain; Pitt. Disc 12' Transport; 14' Case Chisel Plow, pull type; IH #10 Drill; JD 220 - 20' Disc; JD 12' Disc; Oliver 5F - 16" Plow; JD 6F - 16" Plow; A.C. 20' Disc; Brady 1680 Flail Chopper; IH 400 Cyclo 4 R Planter; Sauder Loaders; Kelly Loader for Super C; Krause 14' Disc; 14' Roller with End Transport; IH 710 4F - 16" Auto. Plow; IH 531 3F - Plow; NI 737 12 Roll Husking Bed; Ford 2 Row Cult.; Farmall A Plow; 11 Shank Glencoe Soil Saver; Oliver 10½' Disc.

SPRAYERS

JD 3 point 150 gal. Sprayer; Snyder 200 gal. Saddle Tanks & Brackets; Welsh 210 gal. 3 point with 21' Boom; Myers PTO Trailer Sprayer; Century 240" Wick Applicator; Pacer Transfer Pumps & John Blue Pumps.

LAWN & GARDEN SUPPLIES

2 New McCulloch Chain Saws 510 & 610; Wood Cutting Supplies; JD 110 Garden with Mower; Sears 12 HP & MF 8 HP Garden Tractor with Mower; Unicorn Log Splitter; IH 1200 Snow Mobile Trailer; Myers; 84 & 90 Snow Plows Universal Mounts; Watson Utility Trailer.

SHOP TOOLS & MISCELLANEOUS

1,000,000 BTU Oil Heater; Space Heaters; McCulloch 1500 Watt Generator with engine; Tractor Dynamometer; Jenny 1000 Hot Water Washer; 100 gal. Part Washer Tank; 35 ton Hyd. Press; 250 amp Welder; Elec. Band Saws; Steel Shelving; 30 gal. Drums; #10 Oil; Socket Set; Tool Boxes; New Batteries; Dairy Supplies; Typewriter; Cash Register; Plow Bolts; all kind of Bolts; many other items not mentioned.

AUCTIONEER'S NOTE — Taking advantage of this Year End Sale will be a saving for you in '84. First 50 buyers will receive free lunch tickets.

PARTS DEPARTMENT WILL OFFER SPECIAL DISCOUNTS ON PARTS AND EQUIPMENT.

Equipment will be sold at 1:30. Financing available on new equipment sold over auction.

All items listed are subject to prior sale.

Out of state checks if approved by C.B. Hoober, Inc.
Sale will be held indoors on small items.

Terms by
C.B. HOOBER & SON, INC.
717-768-8231

Auctioneers —
Robert E. and Jeffrey R. Martin — 656-7770
Frank L. Steller

Lunch Available

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

C.B. HOOBER & SON INC.

INTERCOURSE, PA 717-768-8231

★ Call Us - We Probably Have It ★ Will Ship Same Day Via UPS-PPSH BUS-AIR FREIGHT, Etc

Radio Controlled Trucks For Better Service

AVCO NEW IDEA
WHITE FARM EQUIPMENT

SPECIAL
New NI 323 Picker
New NI Manure Spreaders

USED EQUIPMENT

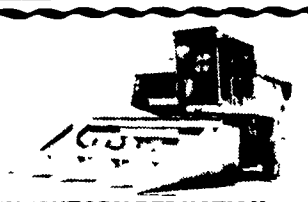
Oliver 1850 Tractor
MM U302 Tractor
White 5100 4R Planter (Excellent)
JD 1250 6R Planter
White 264 12' 2 disc harrow (new)
MM 4B Semi Mtd Plow
White 508 4x18 SAR Plow
Ford #101 3 x 14 Plow (Excell)
Noble 25' Field Cultivator
Hesston 1014 Windrower
MM 3496 Combine, Cab, 2R Head, 12' Grain Head
White 8600 Combine, dsl hydro, air
NI 709 Uni 4WD w/838 husk unit
JD 24T Baler w/thrower
MF 120 Baler w/thrower
1068 Haybuster no-till drill (demo)
AC 6 Row 30" Corn Head, like new
Fox 728 2R Corn Head
Better Bilt 1100 Gal Liquid Spreader
Ford 10 h.p Garden Tractor w/42" mower
Ford 7 h.p. Garden Tractor w/34" mower

We are Your Certified Better-Bilt Dealer

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

MF Massey Ferguson

Holiday Greetings



INVENTORY REDUCTION
Used Combines
Special Money-Saving Financing.
Buy now & Finance with Massey Ferguson at a low 10.9% A.P.R. or choose waiver of finance charges until May 1, 1984 on selected used combines.

NEW EQUIPMENT IN STOCK

MF 220 baler
MF 224 baler
MF 212 bale thrower
MF 860 diesel combine, hydro
MF 1144 corn head
MF 1163 corn head

USED EQUIPMENT

MF 510 combine
MF 760 combine w/6 row corn head & 16' grain table
MF 750 combine w/63C corn head & 14' grain table
MF 410 combine w/4 row corn head
MF 2675 diesel tractor
MF 285 diesel tractor

WE HAVE TOYS FOR CHRISTMAS

Renting skid steer loaders.
Radio Dispatched Service

ABRACZINSKAS
Farm Equipment, Inc.
RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH 488 & 489 (Demo) Haybines	Special Price, Give Us A Call
NH #311 Baler PTO	$6300
NH #311 Engine Baler, Hitch & Chute, Steel Wheels	$8700
NH #456 Mower	$2240
NH #258 Rubber Tine Rake	$2515
NH #30 Blower	$2865
NH #28 Blower	$2915
NH #718 Harvester (1 only)	$6100
NH #519 Spreader, 11:20 Tires	$4725
NH #679 Spreader, 11:20 Tires	$6125
NH #791 Spreader, 11:20 Tires	$7130
NH #425 Skid Loader 60" bucket, 10:50 Tires	$12,675
NH #303 Liquid Tank Spreader, Demo Rental w/injectors	$6950
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow	$5275
Pittsburgh 12' Field Cultivator, 1 only	$1295
Butler Nesseth Trail Manure Pump	$4950
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.	$6200
Dunham 3 Bar 8 Tooth Chisel Plow	$1695

(ONE ONLY)

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY
• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL JULY 1, 1984 & FORAGE EQUIPMENT TILL SEPT. 1, 1984 OR 4.9% 1 YEAR, 7.9% 2 YEARS, 10.9% 3 YEARS
SPREADERS AND GRINDER-MIXERS TILL OCT., 1983

SPERRY NEW HOLLAND

DEALER FOR

BUTLER | Livestock Systems | TERRE HILL SILOS Leasing Available

USED EQUIPMENT

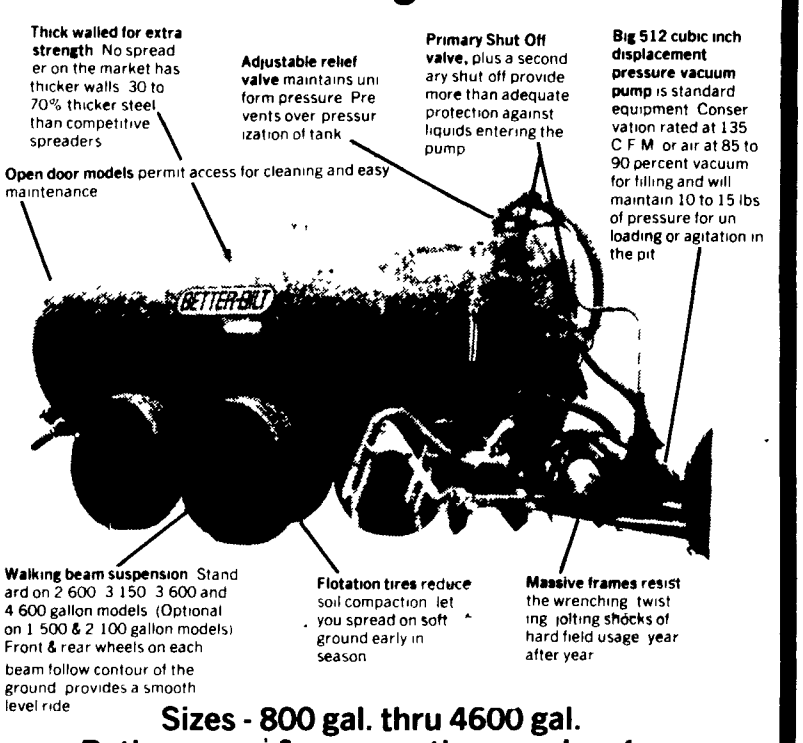
NH 276 Baler w/58 Thrower, elect. cont. Excellent Condition
NH 467 Haybine
Hesston 1090 Haybine
NH 451 Mower
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 273 Baler
NH 56 Rake
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
NH 512 Spreader w/Hyd. Endgate
12' Mid West Harrow
Bush Hog 5' Rotary Mower
Case 4B Plow
Oswalt 1830 Ensilmixer

DEPENDABLE IS MORE THAN OUR NAME

BRICKERVILLE EQUIPMENT

SALES * SERVICE * PARTS
537 E. 28th Div. Hwy. Lititz, PA 17543
717-626-6198

Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut Off valve, plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure vacuum pump is standard equipment Conservation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
BETTER-BILT
Walking beam suspension Standard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

1 - 1974 Ford LT 9000 tandem axle tk tractor with PT 270 Cummins engine, 6 speed Fuller trans., power steering, air slide 5th wheel, good 10.00x20 tires.

SPECIALS

1 - Used JD 430 Tractor, WF Axle, Nice Cond.
1 - Used 2 Knife Plow Down Attachment For 3150 Spreader, Used Very Little
2 - Used 1500 gal. vacuum spreaders, one with plow down attachment, both in good condition.

Attn: Shop Mechanics
1 - Used John Beam front end allignment tool, complete

CALL US FOR YOUR NEEDS OF

• Farrowing Crates • Lagoon Pumps
• High Pressure Pumps

AVCO NEW IDEA

C.J. WONSIDLER BROS.

SPERRY NEW HOLLAND

BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7 30 A.M. - 12:30 P.M.

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A.M. - 9:00 P.M
Sat 7.30 A.M - 4:00 P.M

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon -Fri 7 30 A M. - 5:00 P M
Sat 7 30 A M - 12 30 P.M

TRACTORS

AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 7000 D w/cab
AC 190XT D w/cab
AC WD45
AC WD
JD 4020 PS
JD 4020 D
JD 4010 D w/PS
JD 4010
JD 60
JD B
JD MT
IH 986 w/cab, air, only 1400 hrs., EXCEL!
IH 460 D
Farmall 400
Ford 4000 D, lo hrs.
MF 50 D
Long 560 D, lo hrs.
MM G1000 D
Case 630 w/loader

FEED CARTS

(2) Weaverline 223 Elec. Feed Cart, 24 BU.
(2) Weaverline 330 Elect. Feed Cart, 30 BU., A-1!

TILLAGE

AC 2300 Disc Harrow-15' Fold up
JD 13' Transport Disc
JD 11' Transport Disc
IH 13' Transport Disc
JD 10' Cultimulcher
AC 2000 5B Semi-mt. Plow
Oliver 6B Spring Trip Plow
(2) AC 80 Series 4B Mounted, 3-pt Plow
Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!
Vicon 14' Power Harrow, demo!

MANURE SPREADERS

JD 34, 150 BU., Brand New
(2) NI 218, 265 BU.
(2) NI 214, 206 BU.
(3) NI 213, 176 BU.
NH 676, 325 BU.
NH 516, 175 BU., 3 beater
NH 510, 160 BU.
NH 213, 140 BU.
Farmhand M165, 125 BU.
Badger BN240, 180 BU.
NH 365 Tank
(2) Hawk Bilt 207 Tank

COMBINES

Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 Diesel w/cab, air, 13' grain & 438 corn heads
Gleaner K w/cab, 10' grain& 238 corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
Gleaner E w/cab & both heads
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Special w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
MF 300 w/11' grain & 238 corn heads.
IH 315 w/cab, grain & corn heads.
NH 975 w/11' grain & 238 corn heads.
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702, 2-row corn head & 761 Pick up Head

THREE Great SPECIALS on all USED TRACTORS & COMBINES
1.) LOW PRICES
2.) TPD WAIVER
3.) LOW FINANCE

Call us today before you buy anywhere else!

AVCO NEW IDEA

M.M. WEAVER & SON, INC.

47th ANNIVERSARY SALES DAYS

December 27, 1983 thru January 6, 1984

OPEN HOUSE on Wednesday, January 4, 1984

Inventory Reduction

Last Chance for '83 Tax Savings!

Factory Discounts!

Year-End Deals!

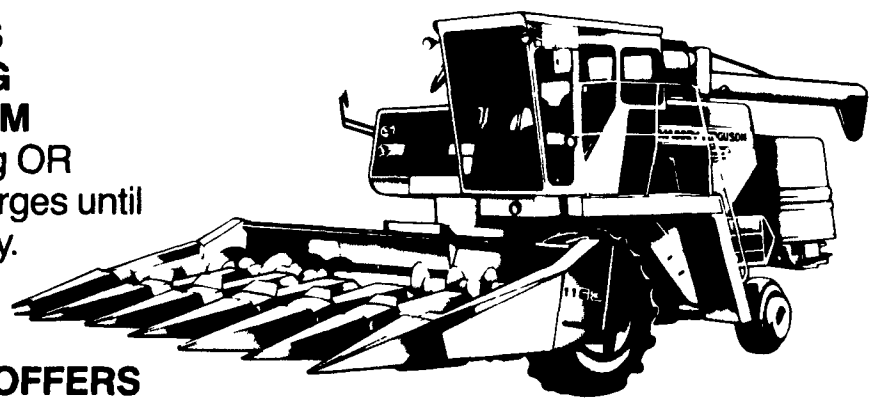
See us now for the best prices...best deals on the Massey-Ferguson equipment of your choice. Our inventory reduction of selected models means huge savings for you!

NEW TRACTORS

- **BIG FACTORY DISCOUNTS**
- ***PLUS* YOUR CHOICE OF MONEY-SAVING FINANCING OPTIONS...** Either low 9.9% APR financing **OR** waiver of finance charges to June 1, 1984 when you finance with MF.

NEW COMBINES

- **BIG FACTORY DISCOUNTS**
- ***PLUS* TWO MONEY-SAVING FINANCING OPTIONS FROM MF...** Get 9.9% APR financing OR choose waiver of finance charges until Aug. 1, 1984 when you qualify.



IMPLEMENTS

- **SPECIAL MONEY-SAVING OFFERS** on MF Tillage Implements, Drills, Tractor Loaders, Swathers, Rectangular Balers.

MF Massey Ferguson

Your Business Machines

MF financing subject to qualifying credit & down payment

Act now! Offers must expire soon.

NEW EQUIPMENT SPECIALS

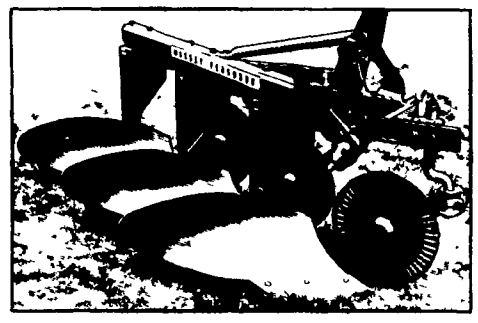
MODEL 345 SPRING RESET 3 BOTTOM 16" PLOW with SPRING CUSHION COULTERS and COVER BOARDS

List Price $3,532.00

SPECIAL PRICE $2500.00

Only 4 Left

MF MODEL 43 3 BOTTOM 16" PLOW



List Price..... $2,310.00

SPECIAL PRICE... $1550.00

Only 2 Left

MF Massey Ferguson

M.M. WEAVER & SON, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23, 1½ miles Northeast of Leola on the No Groffdale Rd, 1 mile on the right, opposite Groffdale Mennonite Church

47th ANNIVERSARY

SALES DAYS

■ PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT

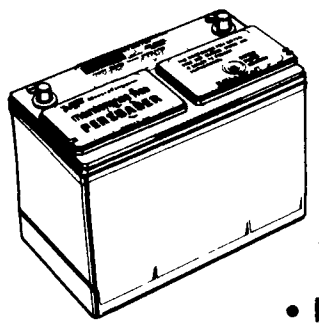
DECEMBER 27, 1983 thru JANUARY 6, 1984

Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon
Closed Dec. 26 and Jan. 2
All Items Subject To Availability

WINTER SALE ITEMS

MF BATTERIES

20% OFF Regular Price

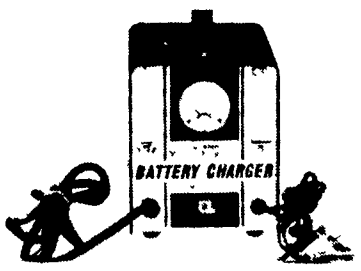


Massey-Ferguson Batteries for all your needs

Tractor
Combine
Truck
Automotive

- Longer Battery Life
- Greatest Possible Starting Capacity
- More Consistent Performance
- Safer Battery Handling

BATTERY CHARGERS



- 20 AMP 19513A91 List $116.50
  SALE $93.20
- 6 AMP 19512A91 List $53.90
  SALE $41.95

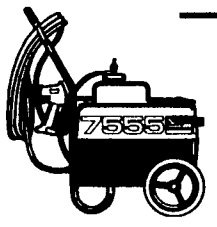
STARTING ETHER

- Starts stubborn engines in seconds
- Prolongs Battery Life
- Sprays to 65° below zero
- 8.3 oz. Can 830.999M1
  List $1.93 SALE $1.59
- 11.0 oz. Can 841.543M1
  List $2.19 SALE $1.75

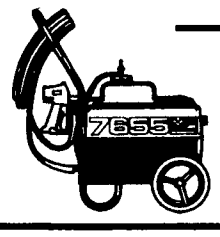
Case Lots Additional 2% OFF

PRESSURE WASHERS

The 1983's are out! Purchase your Massey-Ferguson Pressure Washer and save time and money Stop in today and see how simple these machines are to operate All you do is connect a garden hose to the pressure washer, plug in the electrical cord, add cleaning chemicals and that's it!



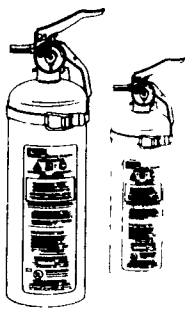
$371.45 SALE PRICE
MF 7555 List Price $437.00
Nozzle Pressure 500-550 PSI,
Concentrate Capacity 2½ gal.



$456.45 SALE PRICE
MF 7655 List Price $537.00
Nozzle Pressure 600-650 PSI,
Concentrate Capacity 2½ gal.

$1126.25 SALE PRICE List Price $1325.00
MF 7750 Nozzle Pressure 750 PSI, Concentrate Capacity 7½ gal.

FIRE EXTINGUISHERS



Don't be caught without protection!

Install reliable Massey-Ferguson Fire Extinguishers in your home, the barn, animal pens, on tractors and combines. They're made of Heavy duty carbon steel with non-corrosive parts, inside and out, and operate with positive on-off squeeze grip; feature easy reading waterproof gauges.

	List	SALE
• 5 Lbs. 20•005A91	$28.75	$24.45
• 10 Lbs. 20•006A91	$50.15	$42.62

20% OFF REGULAR PRICE

Paint

Match or restore, with original equipment colors.

- Dries dust free.
- Available in aerosol, quart and gallon containers.
- Will not wrinkle or blister.
- Resists discoloring from chemical spills.
- Cures to a hard luster finish.

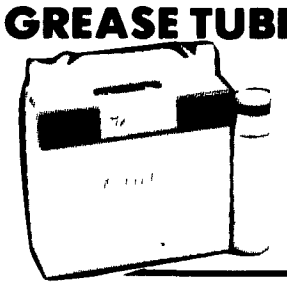
ALL PURPOSE JACK

(Same As Handyman)
7,000 lb. Capacity

19-988A91 List $54.00
SALE $45.90

LUBRICANTS

GREASE TUBE CARTRIDGES



841618M1 Tubes
85¢ ea.
Pkg. of 10 Tubes
$8.40

UNIVERSAL HYDRAULIC FLUID PERMATRAN III

Universal extreme pressure transmission and hydraulic fluid. Stock one oil for all your farm equipment.

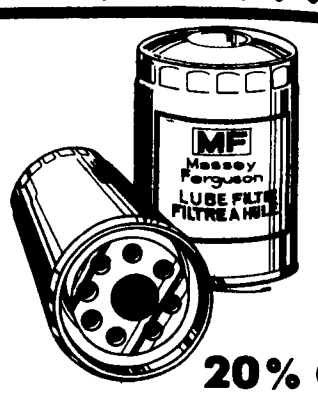
- 2½ Gal. Per/Gal... $5.56
- Bulk Price Per/Gal... $5.25
  (Bring Your Own Container)
- 55 Gal. Container Per/Gal... $4.85

15% OFF REGULAR PRICE

★ Bring Your Own Containers - Get Bulk Price

"BUY QUALITY"

QUAKER STATE MOTOR OIL



Fuel / Hydr
Filters formula require perform life

20% OFF R

GREASE

- Lever Action 1902683M92 $
- Pistol Action 1904778M91 $1
- Flexible Grease Hose 1902-684M91 $

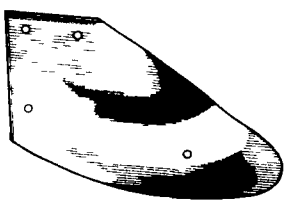
HAND

- Cleans hand w
- Contains ant se
- Works fast

1 Lb. 1900 292M
List $1.67
4½ Lbs. 1900.293M2
List $7.33

TILLAGE

MOLDBOARD P



20 Re

Shins
Moldboa
Shares

There Is A Difference; 3
- Longer Life
- Shock Resistant
- Less Cracking

TWISTED CHISEL

- Heat treated, tumbled & varnish
- ½" thick for longer wear
- Fits 2¼" centers for 7/16" plow

DF4995R. . . . . 3x½x2 R
DF5995L . . . . . 3x½x2 L

10% OFF ON ALL OTHER PARTS
Sold Over Counter From
DEC. 27 to JAN. 6, 1984
★ Cash And Carry ★

MF Massey Ferguson

M.M. WEAV

LEOLA, PENNA. 17540
PHONE: 717-656-2321

OPEN HOUSE

SPECIAL 1 DAY ONLY - WEDNESDAY, JANUARY 4, 1984

LUNCH WILL BE SERVED 11-2

Maintenance and Operation Seminars

10:30 A.M. Tractors
2:00 P.M. Combines

★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions
★ Join us during Open House for Fun & Fellowship

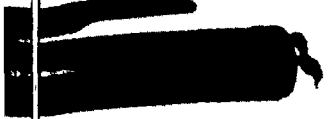
FILTERS

Fuel Oil - Hydraulic - Air

Filters for every need — specially formulated to give exactly the flow required Promotes better performance and longer engine life

REGULAR PRICE

GUNS



List	SALE
$9.15	$ 7.75
$16.74	$14.22
$3.01	$ 2.75

CLEANER

with or without water
septic

92M2

SALE $1.25

SALE $5.50

PARTS

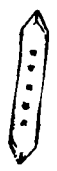
PLOW PARTS

20% OFF
Regular Price

Boards

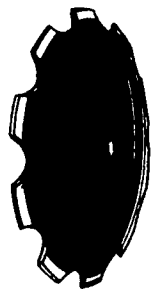
3 Layers of Steel For:

POINTS



bolts
R.H. $7.95
L.H. $7.95

TILLAGE PARTS



Disc Blades

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center holes sizes available to fit non Massey-Ferguson machines

				SALE
20" Plain	7 Ga.	1904-669M1	1 1/8x1¼	$15.18
20" Notched	7 Ga.	1904-670M1	1 1/8x1¼	$17.40
22" Plain	6 Ga.	1904-676M1	1 1/8x1¼	$20.96
22" Notched	6 Ga.	1904-677M1	1 1/8x1¼	$23.45
22" Plain	6 Ga.	1904-728M1	1½ sq. 1¾ rd.	$20.96

Weathered Disc Blades In Stock

- 16" plain 11 ga. 1" round $5.00
- 16" notched 11 ga. 1" round $5.00
- 18" plain 11 ga. 1" square $7.00
- 18" notched 11 ga. 1" Square or 1¼ Round $8.00

SPRING CUSHION SHANK

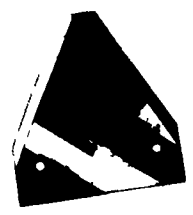
Simple design allows lift up to 6½" to clear rocks, etc. Returns itself to working position. Gives vibrating tillage action. 1"x2"x26"

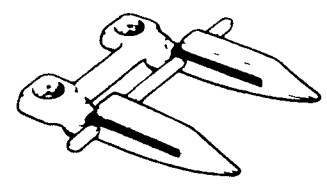
SALE $70.00

VIBRATING "S" TINE TEETH AND SWEEPS

- VS1 1½" Rev. Tooth ..... SALE $1.50
- VS2 2¾" Spoon ..... SALE $1.35
- VS4 4" Duck Foot ..... SALE $1.69

CUTTER BAR PARTS





20% OFF REGULAR PRICE

HITCH PARTS

TOP LINKS

Category 1	SALE
• 16" Center, 30105E91 ..... 20½" to 30½" Adj.	$15.52
Category 2	
• 16" Center 30107E91 ..... 20½" to 30½" Adj.	$21.74

DRAWBAR HITCH PINS

	List	SALE
• ¾" Dia. 6¼" Length 30281E1	$2.97	$2.67
• 7/8" Dia. 6¼" Length w/Linch Pin 30152E91	$5.89	$5.30
• ¾" Dia. 6¼" Length w/Linch Pin 30151E91	$4.51	$4.05
• 7/8" Dia. 6¼" Length 30282E1	$3.91	$3.52

LINCH PINS

- 7/16 Dia. ..... 30¢ ea.
  or 4 For $1.00

WAGON SURPLUS PARTS

	SALE
• 15x10 Rims, 6 Lug	$20.00
• Quick Hitch Tongues	$35.00
• Solid Tongues	$15.00

ACCESSORIES SPECIAL

- 1000 Lb. Ea. Wheel Weights 1100-1130-1150 Pair For $750.00
- 19974A91 Front End Steel Weights All 100, 200 & 1000 Series Tractors $35.00

- 2418 745, 48" Bucket less cutting edge $95.00

48-60" Fork Dirt Plate $10.00

VER & SONS, INC.

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

BONUS SAVINGS! AN ADDITIONAL 2% On $500 Or More If Processed Before Sales Days. Please Mail Or Call Large Parts Orders Now For Processing Prior To Sales Days.

FOR MORE SPECIALS TURN THE PAGE►

47th ANNIVERSARY

SALE

December 27th thru January 6th
Closed Mon., Dec. 26th and Mon., Jan. 2nd

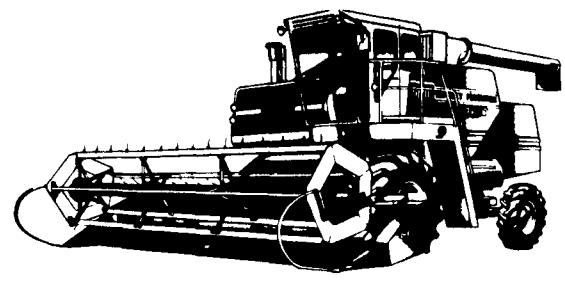
GOOD USED EQUIPMENT

Inventory Reduction

USED COMBINES

SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 10.9% APR... or choose waiver of finance charges to May 1, 1984 on selected used combines.



- 1981 MF 750 Hydro Straw Chopper 16 ft. Floating Grain Table 800 hrs.. . $49,000
- 1980 MF 760 Hydro V8 with 15 ft Grain Table and Grain Saver . . . $52,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive . . . $36,000
- 1977 MF 750 Hydro with Grain Saver . $29,000
- 1977 MF 750 Hydro with Grain Saver . . . $26,000
- 1977 MF 510 Hydro Diesel . . . $17,500
- 1976 MF 750 Hydro with Grain Saver . . . $19,500
- 1976 MF 750 Hydro with Chopper . . . $27,000
- 1975 MF 760 Hydro V8 . . . $24,000
- 1975 MF 750 Hydro . . . $22,000
- 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head . . . $17,500
- JD 343 Corn Head 3 Row 30" . . $3,000
- 1975 MF 510 Diesel . . . $17,000
- 1975 MF 760 Hydro V8. . . $24,000
- 1974 MF 760 Hydro 6 Cyl. . . $22,000
- 1973 MF 750 Gear Drive with Grain Saver . $24,000
- 1973 MF 760 Hydro 6 Cyl. . . . $21,500
- 1972 MF 510 Diesel Gear Drive . . $9,500
- 1972 MF 510 Diesel Gear Drive . . . $10,500
- 1972 MF 300 Gas. . . . $8,500
- 1972 MF 510 Diesel Gear Drive . . . $12,500
- 1971 MF 410 Diesel. . . . $7,500
- 1971 MF 410 Gas. . . . $7,500
- 1971 MF 510 Diesel . . . $12,500
- 1970 MF 510 Diesel . . . $10,500
- 1970 Case 1665 Diesel . . . $5,000
- 1970 MF 510 Diesel . . . $12,500
- 1969 MF 510 Diesel . . . $11,500
- 1968 MF 510 Diesel. . . $8,000
- 1968 MF 510 Diesel Hydro . . $12,500
- 1968 MF 410 Gas. . . . $5,000
- 1967 MF 410 Diesel . . . $5,000
- 1966 MF 410 Gas. . . . $2,500
- 1966 MF 300 Gas . . . $3,500
- 1966 MF 510 Gas with Floating Cutter Bar . . $4,800
- 1965 MF 410 Diesel . . . $4,500
- 1965 MF 300 Gas with 11 ft. Table . . . $2,900
- 1964 AC CII Gleaner with Corn & Grain Head. . $6,000
- 1960 AC A Gleaner . . . $1,500
- JD 45 with Grain & Corn Head . . . $1,900
- JD 45 with Grain Head . . . $500
- IH 303 with Grain & Corn Head . . $1,500
- MH 82 with 10 ft. Grain Head . . . $1,200

Above Combines Include Grain Tables Less Corn Heads
61 Corn Heads in 2, 4, 6 and 8 Row Size

- New Idea 2 Row 30" Pull Type Picker Sheller . . $5,500

USED TRACTORS

SPECIAL

New MF 2805 Diesel Tractor, 190 HP, 24 Speed, Air Conditioned, Cab & Heater, 20.8x38 Axle Mounted Duals

List Price $69,277
Less Special Discount $20,000

$49,277

- MF 165 Diesel . . . $4,500
- MF 35 Diesel . . . $2,500
- MH 333 Gas . . . $1,000
- Ford 4000 Diesel on Steel . . . $2,700
- JD 50 . . . $1,900
- JD B. . . . $600
- Farmall 656 Diesel. . . . $5,800
- IH 107 Cub Cadet . . . $900
- Ariens 1138 Lawn Mower . . $1,100
- Ford 8N . . . $1,900
- Ford 9N . . . $1,500

SERVICE SPECIAL

MF MASTER CS CERTIFIED SERVICE

MF Certified Service

FARM EQUIPMENT DOES NOT BREAKDOWN WHEN YOU ARE NOT USING IT...BUT THAT'S THE BEST TIME TO REPAIR IT!

10% DISCOUNT ON PARTS USED ON MAJOR OVERHAULS OVER $500 DURING THE MONTH OF JANUARY 1984.

SCHEDULE YOURS NOW!

TAX TIP

PURCHASE YOUR NEW EQUIPMENT BEFORE JANUARY 1, 1984 AND TAKE ADVANTAGE OF BIG SAVINGS.

USED EQUIPMENT

- MF 880 Hyd. Reset 6-16" Plow . . . $1,900
- MF 82 Spring Trip 3-14" Plow. . . . $650
- JD Spring Trip 2-16" Plow. . . . $650
- Oliver Spring Trip 3-16" Plow. . . . $850
- MF 43 Spring Trip 2-16" Plow. . . . $950
- MF 43 Spring Trip 3-16" Plow . . . $950
- IH Fast Hitch Spring Trip 3-16" Plow . . . $400
- MF 345 Automatic Reset 3-16" Plow. . . $2,200
- MF 730 Offset 10 ft. Disc Harrow . . . $3,750
- 36 Blade Transport Disc . . . $300
- 24 Blade Pull Type Disc. . . . $150
- Ford Transport 32 Blade Disc . . . $500
- Brady 3 pt. 9 Tooth Chisel Plow . . . $1,100
- Dunham 3 pt. 8 Tooth Chisel Plow . . . $1,150
- Brillion 11 ft. Packer . . . $400
- MF 129 Front Mtd. Cultivator . . . $300
- 3 Section Harrow . . . $75
- 3 pt. Weeder . . . $25
- MF 428 3 pt. 4 Row Rolling Cultivator . . . $1,500
- Tye 10 ft. No Till Grain Drill . . . $8,900
- Danuser Post Hole Digger. . . . $875
- Century Sprayer . . . $850
- Glenco 7 Tooth Soil Saver . . . $4,250
- Farmhand Corn Processor. . . . $3,200
- (2) Kilbros Gravity Box and Wagon . . . @ $2,200
- Tonutti 4 Wheel Hay Tedder. . . . $1,750
- Farmhand 6 Wheel Rake . . . $1,200
- M-C 9 ft. Rotary Scythe . . . $3,900
- Badger 14 ft. Forage Wagon . . . $950
- Circle Saw Buck. . . . $100
- Myer Snow Plow . . . $400
- 3 pt. Snow Blower. . . . $1,200
- E.Z. Gravity Box and Wagon . . . $880
- Danuser Log Splitter . . . $800
- N H. 707 Harvester with Hay Head. . . . $900
- N H. 707 Harvester with Corn Head . . . $1,200
- Mohawk Rotary Cutter . . . $395
- N.H. Super 717 Harvester . . . $950
- MF 925 Demo Haybine . . . $4,500
- Fella 2 Wheel Hay Rake and Tedder. . . $1,200
- M.M. 5 Bar Pull Type Rake . . . $100

MF Massey Ferguson

M.M. WEAVER & SON, INC.

Leola, PA 17540
(717) 656-2321

Located. 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

EQUIPMENT WITH EXTRA 4% DISCOUNT
Now Thru January 31st

WHITE TAG SPECIALS

Come in now and get our best price on selected new International tractors and equipment!

Prices on new International tractors combines planters tillage hay and forage equipment never have been lower. We're "tagging" our outstanding values with special White Tags to call attention to our best buys.

Come see how you can save more on new equipment, and improve your bottom line. Offer expires Jan. 31, 1984.

SAVE EVEN MORE! Buy now and get special financing on all White Tag Specials

Come in early. Prices are subject to equipment availability!

INTERNATIONAL HARVESTER

- 884 Row Crop
- 6388 D Tractor 2+2, Plus Demo
- 3688 D w/Rops, Plus Demo
- 3288 D w/Rops
- 15 Rear Blade, 3 pt.
- 20 Rear Blade, 3 pt.
- 181 15 ft. Rotary Hoe
- 5500 11 Ft. Mounted Chisel
- 4500 Field Cultivator
- 735 6-Btm. Vari-Width
- 1350 Grinder Mixer
- 781 For. harv. & 2 Row Head
- (1) 595 Spreader
- (2) 560 Spreaders
- 4130 Ski SOLD der, Rental
- 183 4-Row Cultivator

ASK ABOUT IH RED EDGE "PERFORMANCE SAVINGS"

★ WAIVER TO 3/1/84!

NEW 30 and 50 SERIES TRACTORS
Best Cash Prices Ever On All Equipment Now

- ★ IH 3288
- ★ 3688 - w/ROPS - Demo Special!
- ★ IH 6388 - 4 Wheel Drive - 130 HP - 540/1000 PTO
  Extra Special Price — Buy A Real 4WD
  At The Same Price As An Add-On 4WD!
- ★ 5288 - Rental Demo, Special

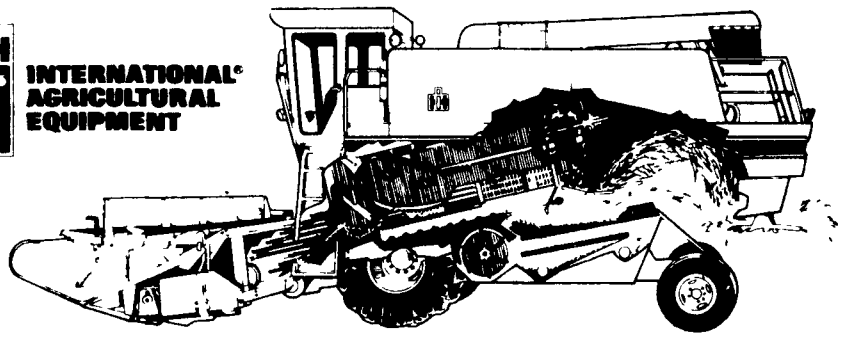
Purchaser of New IH Tractor (Model 484 To 6788) Eligible For All Expense Paid

TRIP TO LONDON
(5 days, 4 nights)
OR CASH REBATE

Offer Good Nov. 1, 1983 to Jan. 31, 1984

COMBINE HEADQUARTERS
★ Check With Us Before You Buy! ★

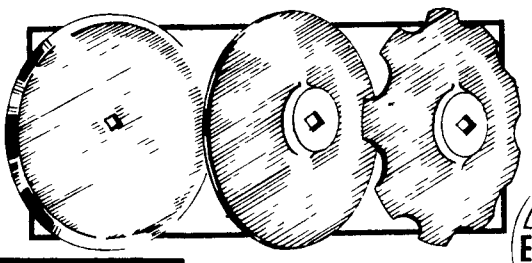
INTERNATIONAL® AGRICULTURAL EQUIPMENT



- ★ IH 1420 Combine
- ★ IH 1 SOLD ombine In Stock!
- ★ 963, 944, 943 Heads In Stock! - Old Price Plus White Tag Special
- ★ 810 13' Cutter Bar
- ★ 810 15' Cutter Bar (Old Price!) - White Tag Special

★ **WAIVER TILL 9/1/84 OR CASH REBATE!**

We Specialize In IH Combine Parts & Service!



IH DISK HEADQUARTERS!

EARTH METAL

EARTH METAL DISKS: 60% Stronger! 20% Longer Life!

C-shape bearing standards Allow gangs flex to ride over obstructions.

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

Model	Cutting Width	Disk Blade Spacing	Blade Sizes Available	Transport Width	Operating weight With Blade Sizes
496 Folding-Wing-Type	18 ft 7 in 22 ft 2 in 24 ft 7 in 28 ft 1 in 31 ft 8 in	7½ in	20 or 22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	20 in 6598 lb 20 in 7326 lb solid 7807 lb solid 8513 lb solid 9137 lb
	19 ft 1 in 22 ft 24 ft 10 in 27 ft 8 in 32 ft	9 in	22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	22 in 6750 lb 22 in 7370 lb solid 7847 lb solid 8482 lb solid 9224 lb
496 Cushion Gang	19 ft 1 in 22 ft 24 ft 10 in 27 ft 8 in 32 ft	9 in	22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	22 in 7125 lb 22 in 7667 lb solid 8105 lb solid 8911 lb solid 9700 lb

New For 1983...
22'2" - 7½" Spacing, Cushion Gang - Model 496

Others In Stock...
19'1" - 9" Spacing, Regular Gang
19'1" - 9" Spacing, Cushion Gang
22'9" Spacing, Cushion Gang

CALL US FOR IH DISK HARROW PARTS IN STOCK!

★ **WAIVER ON DISKS TILL 3/1/84!**

IH GRAIN DRILLS
- In Stock - Ready For Delivery -
18x7 Plain 16x7 Comb.
21x7 Plain, old Price!

★ **WAIVER TILL 5/1/84!**

IH SUBSOILERS - IN STOCK
No. 14, Auto Reset, 5 Shanks
No. 10, 1 SOLD Shanks
No. 10, 8'3, 3 Shanks

★ **WAIVER TILL 3/1/84!**

USED EQUIPMENT

TRACTORS: (Waiver to 3/1/84 or Cash Rebate
IH 806, 3 pt. Hitch, Wide Front, TA, $5950 (No Trade)
(2) IH Farmall "C"
Int. F12 w/cult.
Int 400 Farmall, Real Nice!
IH 1066 D w/Cab & Air - Real Nice!
IH 966D w/Cab — Coming In!
IH 766 D, Black Stripe
IH 806 Diesel, Wide Front, TA, Fast Hitch
IH 560 Gas, 400 Gas
MF TO-20 w/Turf Tires
MF 33 w/3 pt. Hitch
MF 65 Diesel w/MF Loader

HAY & FORAGE EQUIPMENT:
(3) IH No. 51 Forage Wagon
IH #5 Flail Chopper, Direct Throw
33 NH Flail Chopper
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
IH 990 9' Mower Cond.
1014 Hesston Mower Cond.
IH 27 Baler w/Thrower
IH 47 Baler w/Thrower
IH 440 Wire Baler w/Thrower
Kuhn GF 452 4-Star tedder, Nice Shape
5026 Elec. Wheel, 8 ton Gears

MISCELLANEOUS:
Used CP Model 250 Rotary Vane Air Compressor w/IH 282 Diesel Engine Mounted on CO 1600 Int. Truck - ~~$3860~~ — ~~$3,650~~ Now $3000
Shaver SOLD tch Post Driver

TILLAGE: (Waiver to 3/1/84)
Cut SOLD Plow
Cub Single Gang Disk
Cut SOLD ult.
Cub 2-Way Plow
Pittsburg 11'6" Disk
JD 110, 12' Disk, Good Shape
IH 370, 350, 37, 35 In Various Sizes
Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 700, 5 Bot., 18" Plow
IH 700 6 Bot. 16" Plow
IH 550 5-Bot. 16" Semi-Mtd. Plow
IH 540 4-Bot. 14" Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 311 Fast Hitch Plow, 3 Bot
AC 1-Bot. Trailing Plow
MF 880 5-Bot. Auto. Reset
Glencoe 18' Field Cultivator
Vicon 10' Power Harrow — ~~$2,560~~ — ~~$2,300~~ — $2,000

MATERIALS HANDLING: (Waiver to 3/1/84)
IH 2250 Loader for Farmall Tractors
Farmhand Loader for IH 74 Series Tractor
157 Hawk Bilt Spreader - was ~~$995~~ Now $695
NH 512 Spreader w/End Gate
NI 212 Spreader, PTO, flail type
200 Gal. Century Sprayer, Piston Pump
250 Gal. Tecoma Air Blast Trailing Sprayer — $1,500!

LAWN & GARDEN:
IH 127 w/Mower, Recond.
IH 1650 w/Mower, Like New
IH 682 w/Mower, Like New
IH 782 SOLD r, Like New
IH 100 w/38" Mower

COMBINES:
IH 863 6-Row Narrow Cornhead, Low Acres
715 Diesel Hydro w/13' Floating Cutter Bar and 744 Cornhead
AC Model C2, 12' Hd., 4-Row Wide - Rough Cond. - $2,000
MF Model 300 Gas, 2-Row Hd., & Platform - Rough Cond. — $1,200
810 13' Cutter Bar
IH 1460 (1980 Model) w/963 Cornhead — Coming In!
FKS Gleaner Diesel 4 Row Wide, 12' Platform
MH 35 SP 8' Platform, Fair Shape
715 D Hydro, 1976 Model, 820 15' Cutting Bar — Real Nice

IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 227 Cornhead, fits 315, 205 or 203
IH 234 Picker w/Husking Bed, Mount for 656 Farmall
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

PLANTERS: (Waiver to 5/1/84)
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 DD
IH No. 13x7 Plain Drill
IH NO. 10 16x7 SD, Comb. Drill
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill

We Ship Parts UPS, Parcel Post — Same Day! Call For Stock Items

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5; Sat. 7-3

- ★ Farm Bilt Hay Wagons
- ★ John Blue Sprayers
- ★ Jamesway
- ★ Sprayer Parts headquarters
- ★ FMC Bean
- ★ DeLaval
- ★ Roskamp Roller Mills
- ★ Woods
- ★ Deutsch-Fahr Tedders In Stock
- ★ Grasshopper Mowers

★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock At Special Price! Special Price On Diesel Unit Available On Factory Order - Call For Price!

We're An "XL" Dealer!

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

ONE STOP SHOPPING - FINANCING AVAILABLE - TRADES WELCOME - REASONABLE PRICES

FARMALL TRACTORS

1066-No Cab ..... Coming in
Cub-Late Model w/Rotary .. $3850
200 w/FH $2000
806D-TRY-FH $4950
756D-WF-FH $6500
856D-WF-3 pt. $7500
856 w/Cab-WF-FH ..... Coming in
C - Good Rubber. $1500
384 - 600 Hours - Nice $7850
756 Diesel-WF-3 pt $6850
1256 w/Cab - Air - Nice ... $10,450
656D Hydro $6350
1066 Red Cab - Nice $13,950
154 w/Rotary Mower - Nice . $3850
1256 w/Cab - Clean. $10,950
Cub w/Fast Hitch $2450
674D - 1974 ..... $5950
Cub w/Cult. $1850
15-30 - Antique $1750
1066 w/Cab - 1973 ..... $11,400
560D. ..... Coming in
706D. ..... Coming in
1466 w/Cab - Bad TA $7750
Cub - Mower - F.H. - Snow Plow - Chains $2500
(2) 140 w/Rotary Mower ..... $4500 & up
544 Hydro w/Forklift $5750
706D WF 3 pt. - Nice $6450

FORD

8700 Cab - Air - 1977 .... $13,950
2000 w/Mower - Nice $4450
600 w/Loader $3250
9000. ..... $6000
5000D $5450
(4) Antique Fordsons ... $800 & up
8N w/Loader. $2650
8600 - 1974 ..... $8950
9000 w/Cab ..... Coming in

CASE

VAC - Nice $1250
(3) 930 Standard. ..... From $2500
1270 w/Cab - P. Shift - Nice . $9850
930 CK w/Duals $5500
830 CK-Nice. $5500

LONG

360 - New $8975
460 4WD - New $11,675
310C - New. $6750
310, 4WD w/Loader - New $11,950
360 - 4WD - New $11,150

OLIVER — DEUTZ — LEYLAND — KUBOTA

1950T - Over/Under. $8400
880 Gas - 3 pt. - P.S. $2950
1855 - Nice. $8750
Leyland 384 ..... $4650
2-105 Clean ..... Coming in
1855 w/Cab - Nice $9850
1755 - Nice. $8850
Deutz 10006 - 4WD - Nice $14,500
Kubota L245-Demo .... Coming in

JOHN DEERE

4020 D ..... Coming in
4020 D w/Cab. ..... Coming in
330-Nice ..... Call
730 Diesel - Clean $4250
JD 420 ..... Coming in
JD 720 Gas. ..... Coming in
4020 Gas $5950
4020 Console - Cab - Gas - Clean. $7950
4620 - P. Shift - Nice $12,450
4320 ROPS - WTS. $11,400
4320 ..... $10,950
5010. ..... $6850
(4) A ..... $595 & up
50 ..... $1450
4230 - ROPS - 1976 ..... $11,400
4030 - Syncro - 1974 - Nice $10,500
2840 - Clean - 1978 ..... $11,950
4520 - Nice. $8400
720 LP w/3 Point $2000
"G" $1450
60 w/NI 2x Picker $3000
"D" - Antique $2000
"B" - Unstyled - Nice $1950
"A" - Unstyled - Rough. $795
4430 w/SG - Air - Quad - 4WD - 1976 - Clean ..... Coming in
4430-No Cab ..... Coming in

"10" 4 WHEEL DRIVE TRACTORS From 30 HP to 175 HP

Ford County 6 - 3 Pt - PTO .. $5950
Case 2470 - Cab - 3 Pt - PTO - 1973 ..... $13,700
MM AT4-1400 - 3 Pt - PTO As Is $4950
White - 4-150 - Cab - 3 Pt - PTO. $13,700
Mitsubishi Bison - New - 4WD 30 HP $7850
4430 w/SG - Air - Quad - 4WD 1976 ..... Coming in
Deutz 10006 - 4WD - Nice $14,500

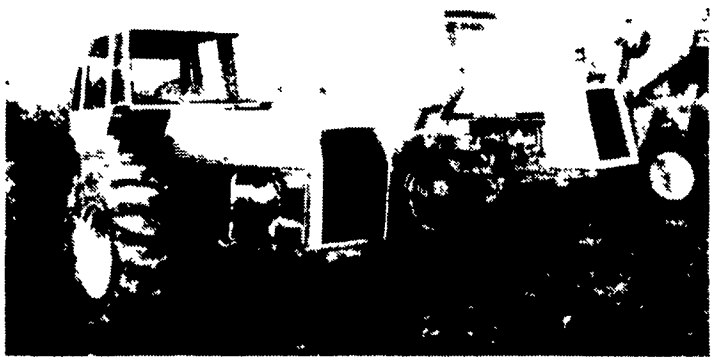
ALLIS CHALMERS

D21 Series II w/Cab - Air ... $7850
G w/Hyd. & 4 Tools $2500
WD45 w/Plow. $2000
(2) G w/Rotary Mower $1850
200 w/Cab - Nice $9850
220 w/Cab $9450
185D. ..... Coming in
190XT. $5950

MASSEY FERGUSON TRACTORS

1105 - Nice - 1973 ..... $8400
175D - Nice $6450
180 - Gas - Nice $5250
40 w/Sickle Mower & Cab. ..... Call
165D - Nice $5450
1080 Diesel - Nice $6450
1150 w/Cab - Duals .... Coming in
1130 w/Cab ..... Coming in
1130 w/Duals ..... Coming in

4 WHEEL DRIVE POWER



• WHITE 4-150 • CASE 2470

Both Have 3 Pt., PTO, Cab, Air, Etc.

Your Choice $13,700

NEW EQUIPMENT SPECIALS

• 6' 3 pt. blades $195
• 7' 3 pt. blades $250
• 8' 3 pt. blades $350
• 6' 3 pt. Landscape boxes $475
• 6' 3 pt. disc's $495
• 7' 3 pt. disc's $695
• 3 pt. fert. seeders ..... $275 & $395
• 3 pt. boom poles ..... $50 & $100
• Round bale feeders $145
• 3 pt. P.T.O. woodsaws $495
• 3 pt. 12" Post Hole digger $450
• 165 bu. gravity bins $475
• 210 bu. gravity bins $565
• 1 x 3 pt. plow $295
• 2 x 3 pt. plow $495
• 3 pt. bale mover $150
• 3 pt. potato plow $95
• 3 pt. subsoiler $150
• 3 pt. spike harrow ..... $500 & $600
• 6 ton wagon $425
• 8 ton wagon w/goodies $575
• 10 ton wagon w/goodies $625
• 11 ton tandem w/goodies $950
• 12 ton wagon w/goodies $950
• 5' 3 pt. rotary mower $495
• 6' 3 pt. rotary mower $695
• 4' pull rotary mower $675
• 5' pull rotary mower $695
• 6' pull rotary mower $895
• 6' 3 pt. stone rake $495
• 7' 3 pt. stone rake $525
• 8' 3 pt. stone rake $545
• Speedy 1200 bushel corn cribs $895
• 3 pt. cement mixers $595

SQUARE BALERS

NH 273 - 69 - 66
JD 14T
Case 230

CHISEL PLOWS

10' to 19'
"V" Chisel

ROTOVATORS

Long 63" & 71" & 55"
Lely Roterra (13')

SPRAYER

150 gal. 3 pt.

TRANSPLANTERS

1x & 2x

"CLEAN" COMBINES

JD 4400
MF Super 35
IH 82 Pull Type
Case 660
(2) JD 45EB

GRAIN DRYERS

MC 600 & GT 270

(25) COMBINE CABS

SICKLE MOWERS

JD - IH - NH - Case - NI - AC

DISCS

IH from 6' to 24'
JD from 8' to 13'
Total of 50 to select from

FIELD CULTIVATORS

JD - IH - Glenco

GRAIN DRILLS

IH 10 - 16 Disc
JD FBB - 11 Disc
JD FBB - 13 Disc
JD VB - 11 Disc
JD 1500 - No Til
JD FBB - 17 Disc
Ontario

DUALS

18.4x28 18.4x38
16.9x34 20.8x38
18.4x34 15.5x38
16.9x38

BLOWERS

NH - IH - AC - Gehl

ROUND BALERS

JD 410
Gehl 1500
Hesston 5600

LOADERS

Ford - JD - IH - Freeman Souders

POTATO DIGGERS

1x & 2x
1x plows

SNOW BLADES

4' to 7'

ROTARY HOES

2x - 3x - 4x

ROTARY MOWERS

Used 5' to 13'
New 4' to 6'

WAGONS

All Makes & Types

FEED MILLS

NH 352 - 357
OMC 424
Hammermills

FERTILIZER DRILLS & SPREADERS

JD & Case
Calhoun Tandem Axle Spreader

CORNPICKERS

NI 319 - 305 - 325 - 323 - 7 - 324
Ford 1x 3 pt.

MANURE SPREADERS

Badger Honey Wagon
Clay Honey Wagon
Hawkbilt Tank
NI 1x & 2x (Tandem)
IH - NI - AC

STACK MOVERS

Hesston 10W
Hesston 30
JD 200
3 pt. Stabbers

STACKER

Hesston 10

WINDROWERS

Ford 536
Hesston PT7

HARVESTERS

Fox 2200 - IF
JD 35 - 25
NH 890 - Super 717
Gehl 800
AC 720
(100) Extra Heads

FLAIL MOWERS

NI 279 - 9'
Caldwell 6' 3 pt.

PLOWS

(Some Resets)
AC - 1x
Ford - 1x - 2x - 3x
MF - 3x Flip - 5x
JD 1x-2x-3x-4x-5x-6x
IH 1x-2x-3x-4x-5x-6x-7x
Case 4x
Oliver 6X Reset

CORNPLANTERS

JD 7000 (6x) - 1240 - 290 - 246
Ford 309
MF 2x 3 pt.
IH 56 (4x) 2x FH
AC 770 (4x)

HAY RAKES

(Roto Bars)
NH 258 - 55
JD - 50
NI
4 Star Wheel Rakes

CARS & TRUCKS

1974 Ford Truck Tractor
1980 Chevy Diesel Pickup
1982 Ford F150 Pickup
1979 IH Tandem Rollback
1972 Ford Pickup - $395
1976 Ford Diesel w/24' Rollback
1978 Chrysler Cordoba
1980 Buick Regal
1982 Ford Granada

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WE BUY YOUR EXCESS EQUIPMENT - FINANCING AVAILABLE WITH 20% DOWN - UP TO 7 YEARS

WENGER'S IS E-X-P-A-N-D-I-N-G TO SERVE YOU BETTER

Used Parts — East Coast's Largest

(100) COMBINES - DISMANTLED

JD 7700-6600-4400-3300-55-45-40-12A
IH 815-615-315-403-303-203-205-105-101-93-91-141-127-64-76
MF 760-510-410-300-92-82-72-35-26-Clipper
Gleaner CII-EIII-A-E-60
Uni 704-702-701-717-710-Etc.
Case 960-660-600
NH 975-985
MM 4296-Oliver 525 & 535
Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLED

JD 38-35-34-12-8-6
IH 650-550-55-50-350-16-15
Fox 2200-2000-1000-546-FA
NH 880-818-800-S717-717-770-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

PARTS CALLS TAKEN

7:30 A.M. to 5 P.M. WEEKDAYS

7:30 A.M. to 12 NOON SATURDAY

PLEASE NO PARTS CALLS AFTER HOURS

PROMPT SHIPMENT

CASH SALES ONLY

(50) BALERS - DISMANTLED

JD 214T-24T-14T
NH 269-78-569-69-68-67-66
IH 57-47-37-27-55-45
Oliver 720
MF 10
AC 303
Case

HAYBINES — CORNPICKERS — SPREADERS — CORNPLANTERS — HAY CRUSHERS — BLOWERS — CORN SHELLERS — CULTIVATORS — PLOWS — CULTIPACKERS — CULTIMULCHER — DRILLS — RAKES — SICKLE MOWERS — NI 7' & 9' CUT DITIONERS

CONSTRUCTION ITEMS - DISMANTLED

Crawlers:
Cat D2-D4-977-933-951B
JD 350-440-420-40-MC
IH 175-100-TD14-TD9-TD6-340-500
AC HD4
Oliver OC3-HG
Case 310

Lots More Incidental Items

Backhoes:
Case 680-530-320-210
IH 3444-3600-3514-350
Ford 4500-4400

Skidders:
JD 540 A & B

Skid Steers:
Case 1737
Melroe 444

SPECIAL

Winco 55 KW P.T.O. Generator Single Phase-Continuous Duty 1000 RPM-110V & 220V, Heavy Duty Trailer, Welder Recepticale, Used 20 Hours-Like New - $2950

CLEAN N.I. UNI SYSTEMS

(Mix & Match Attachments)

- Tractors - 706D w/Cab, 705D w/Cab 702 w/Cab
- Husking Beds - 727, 726, 721
- Harvesters - 767, 760
- Sheller - 729A
- Pickup Heads - 766, 761
- Grain Heads - 715, 713, 711
- 4 Row Cornheads - 844N, 738, 731
- 3 Row Cornheads - 743N, 735, 725, 763, 724
- 2 Row Cornheads - 723, 762
- High Moisture Throat For 760
- Combines - 710

FARM TRACTORS FOR SALVAGE (OVER 2000)

Most Makes And Models

CONSTRUCTION EQUIPMENT

NEW 1984 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton $1450

BACKHOES

Case 530CK . . $5000
Ford 7500 . . . $19,500
Ford 4500 . . . $10,500
Long 5 in 1 . . . $16,500
IH 3820 . . . . . $16,500
MF 70 . . . . . $16,500
Ford 4500 . . $7500
Ford 4500 . . . $9500
IH 3600 . . . . . $8500
Case 580B - Cab - Extendahoe . . $13,500
Case 580B $8000
Ford 8N $3500
Hein Werner C12 . . . . . $8500
IH 3444 . . . . . $7500
Ford 5500 . . . $12,500
IH 260A $14,500
IH 3414 . . . . . $5900
Ford 3400 . . . . $7500
IH 3500 . . . . . $6500
White $6500

BACKHOE ATTACHMENTS

(7) Ford Hoe Attach $1750 & up
(2) JD . . . . $3500 & up
(6) Case . . $2000 & up
AC $2500
(3) 3 pt. Hoe Attach $2250 & up
(6) IH Hoe Attach $2500 & up

CRAWLER LOADERS

JD 450 - As Is . . $6500
Cat 955H . . . $16,500
Cat 951B $21,500
JD 350B w/Backhoe . . . $18,500
Cat 977L $68,500
JD 350 w/4 in 1 . . . . . $8950
Case 350 . . . . $8950
Cat 941B $26,500
AC FL10B . . . $17,500
Case 450 w/Hoe $11,500

DOZERS

Cat D8H $19,500
JD 450 - 6 Way $12,500
Cat D4C $12,500
IH TD14 . . . . . $3000
AC HD4 . . . . . $7500
JD 2010-As Is- . $4500

CONSTRUCTION DUMPS

1974 IH Diesel w/9' Body - Air Brakes $10,900
(2) Mack 25 Ton Rock Trucks . . . . . Call
(3) Mack 20 Ton Rock Trucks . . . . . Call

TRACTORS WITH LOADERS

Ford 600 . . . . . $3250
Ford 8N $2650
JD 400 . . . . . $7500
IH 2400 . . . . . $7500
IH 2400 . . . . Coming in
AC 1600-As Is- . $3500
AC D15 . . . . Coming in

MISC. CONSTRUCTION

(40) Used hoe buckets . . . From $100
(25) Loader buckets . . . From $100
(30) Set forklift forks . . . . . From $300
(6) Winches . . . . . Call
Wayne 984 Diesel Street Sweeper $8950

LOG SKIDDERS

JD 440B $13,500
(2) JD 540A . . $13,500
JD 540B - BURNED $8500
Tree Farmer - As Is- $3850

RUBBER TIRED LOADERS

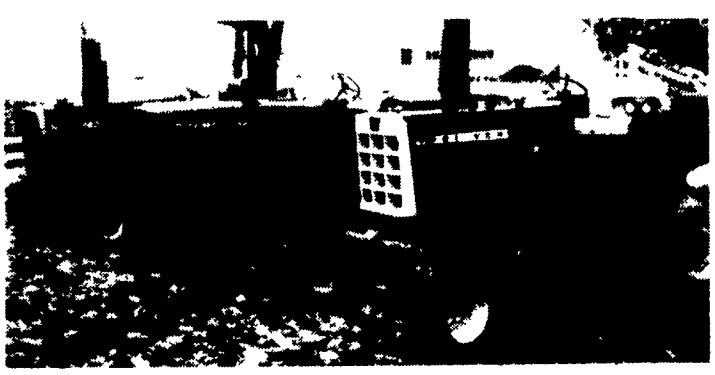
OMC 770 . . . . $17,500
Trojan 154 . . . . $3000
Ford A62 1978 Nice Cab $27,500
Michigan 125 . . $7000
Hough 50 . . Coming in

TRAILERS

1984 2X 4 Ton . . . . . $1450 & $1600
1978 2X 6 Ton . $2650
1983 3X 9 Ton . $4400
1983 1X 2 Ton . $1150
1984 2X 12 Ton $5800
1983 2x6 Ton . . $3600
1977 10 Ton 5th Wheel $3950
Used 6 Ton . . . $2250
Used 9 Ton $2750
Used 25 Ton . . . $3500
Used 15 Ton . . . $3500
Freuhauf 40' Flat $2500
(2) 1979 Strick 40' Flats . . . $7000

FORKLIFTS

Int. 7000 - 21' $10,500
Int. 4500B - 21' $12,500
IH 544 . . . . . $5750

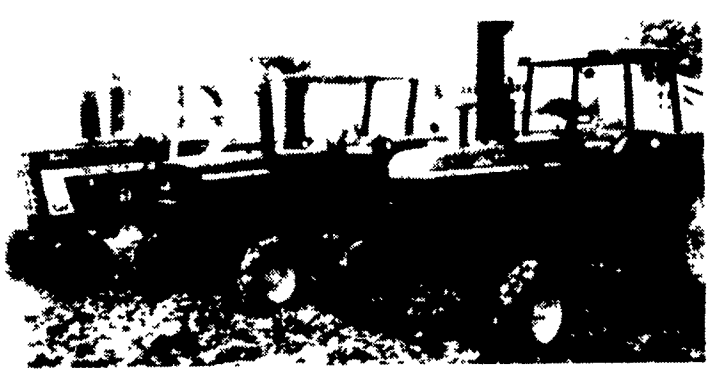


100 PLUS HORSEPOWER

- MF 1105-1973 • JD 4520-1969 • Oliver 1950T - 1968

All Decent Tractors, Properly Equipped

YOUR CHOICE $8400.00



100 PLUS HORSEPOWER

- IH 1066 w/Cab - 1973 • JD 4320 w/ROPS - 1972
- JD 4230 w/ROPS - 1976

All Decent Tractors, Properly Equipped

YOUR CHOICE $11,400.00

CULTIVATORS

Ford 2x - 4x
JD 2x - 4x - 1x
IH 2x - 4x - 1x

TRACTOR CABS

(6) Used for JD 4020 . . . . . $350 to $1500
Used for Ford 6000 . $775
New for Ford 5000-7000 . . . . . $1800
(5) New for MF- 275 to 1155 . . . . . $2000
(10) Used Rollbars . . . Call
New Cooler for Cab . $500
(2) Used for IH 66 - Nice $1500
Used For JD 4230 . $1250

CULTIMULCHERS

11' & 12' & 13' Cultipackers

FLAIL CHOPPERS

JD 16A - 15A
Gehl 72
NH 36
MC

ELEVATORS & AUGERS

LG Corn Drags
Cardinal 56' 8" Auger
NH 36'
Case

CORNSHELLERS

JD 43 3 pt. & pull type
MM 1200
JD 6
NI For pull & mtd.

SKID STEER LOADERS

OMC 1700 Diesel $6500
IH 4150 Diesel $11,500
Melroe 720 . . . . $8500
Melroe 611 . . . . $6500

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

New
GLENCO
SOIL SAVER
7 Shank

NH #351
GRINDER-MIXER

NH #790 SPREADER
NI #218 SPREADER
NH #362 FLAIL
SPREADER

MUSTANG #345
SKID LOADER
MUSTANG #440
SKID LOADER
FORD #340 SKID
LOADER

OLIVER 1610
FRONT LOADER

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Ford 8N 1952
Ford 8N 1949
Ford 541 1959, offset
Ford 860, 1955
Ford 1600 w/mower
Ford 4000 1974 w/cab
Ford 4000, 1972
Ford 4000, 1968 w/new tires
Ford 4000 1966, SOS
Ford 5000 1975, cab & dual power
Ford 5000 1974, cab, dual power
Ford 5000 1969, SOS
Ford SOLD 1965
Ford 5000 cab & SOS
Ford 6600 1978, w/cab & air
Ford 6600 1976, w/Q-cab
Ford 6610, 10 hours
Ford 7000 1973
Ford 7600, 1976 w/cab
Ford 8600 1972 w/dual power
JD 1120, 1969 hi-lo
(2) JD 2030 1973
JD 2130 1975
(3) JD 2130 1975, 2 w/cab
JD 3120 1970
JD 3120 1969
JD 3 SOLD 75
(2) JD 3130, 1 w/cab
JD 4230 1974 w/cab & air
JD 4020, 1967
JD 4040, 4 wheel drive, 1980
IH 966 1974 w/cab
IH 1086 w/cab
MF 1150 w/cab
Long 560 FWD
Universal (Long 445) 4 wheel drive
Cab IH 656 & up, year-round w/air
JD Cab for 2840

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30 - 5:00 Mon. - Fri.
8:30 - 12:00 Saturdays

CLOSE OUT SALE

NEW IDEA

EVERYTHING MUST GO! PRICES CUT TO A MINIMUM!
PRICES AT DEALER WHOLESALE OR LESS
NO INTEREST ON USED TRACTORS & COMBINES
UNTIL 12/1/83

New Equipment

Allis-Chalmers
83 mtd plow

Repossesions
AC 5050 4WD Tractor
AC "E" Combine
NI model 177 Elevator, 31', w/5 HP engine
AC 2313 Disk Harrow, 13'
JD model F620H 4 bottom plow
AC 3 btm. snap coupler plow

Other New Equipment
G.T. 370 Grain Dryers
G.T. 580 Grain Dryers
G.T. Quick bin
Moore Uni Drill 10'
Brillion 8' 9" soil builder
Brinley DD500 Disc harrows
Unicorn log splitter
AC air corn planter

Used Equipment
AC FKS combine, 1968 model, gas w/13' grain head, C440 corn head
AC 5 btm. semi-mtd. spring trip plow w/new bottom
NI 319 mtd. corn picker w/315 sheller
Minneapolis Moline model L Uni System w/combine
AC 7000 Tractor & cab
MF 510 combine w/heads
JD 24T baler w/#2 bale thrower
IH 303 Combine
NI 702 Uni System
AC K240 Corn Header
MF 44 Corn Head

Special
NH 1400 combine, model 1400, 13' grain head, excell. cond., low hours, equipped for corn & soybeans

FOB Herndon, Pa.
Routes 147 & 225

MECKLEY'S GARAGE
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bobcat

Quarryville, Pa.
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ALLIS-CHALMERS

TRACTORS

AC 7040D	AC 200	AC CA	IH 300	JD 4010	Case 300 w/Loader
AC 7045D	AC XT190D	AC WD 45	IH 340	JD 70	Case 800
AC 7050D	AC 180D	AC 5040D	IH Cub Low Boy	JD A	Case 450 Crawler/ Loader
AC 7020D	AC 170D	AC 5050D	IH 350	Ford 4000	
AC 7010D	AC 175D	JD 2010	IH H	MF 65D	
AC 7000D	AC D19D	IH 806	IH 140	MF 65G	Oliver 1650D
AC 440	AC D14			Case 1490	

NEW AC L2 COMBINE w/15' Floating Cutter Bar Head Reduced Price!!

EQUIPMENT

New and Used Miller Discs and AC Discs
(2) 315 NH baler and thrower
269 NH baler and thrower
14T J.D. baler and engine
AC 444 baler and engine
Farmhand grinder & blower
(2) L 425 NH Skid Loaders
731 Bobcat Skid Loader
610 Bobcat Skid Loader
630 Bobcat Skid Loader
1000 OMC Skid Loader
371 Bobcat Skid Loader
70 JD Skid Loader
Thomas Skid Loader
MC 600 Grain Dryer
65' 8" transport Auger
AC L, M, F, G&A Combines
NH 890 Chopper w/2 or 3 Row Head & Pickup Head
IH 830 Forage Harvester
Uni Harvester 708 & 702

Buy at Dealer Invoice

MODEL	INVOICE PRICES
323 Picker, 1 row	SOLD
800 - Uni System Power Unit	$41,200
802 - Uni System Power Unit	$42,000
279 - Cut-Ditioner	SOLD
109 - Fertilizer Spreader	$875
214 - Single Beater Spreader	$3900
243 - Spreader	SOLD
517 - Snow Blower	SOLD

We're Dealing Straight From the Invoice

Now, for a limited time, we'll sell selected New Idea equipment on our lot at the factory invoice price.

We are sacrificing profits now to lower our inventory investment cost during the winter months.

FACTORY INVOICE PRICING

THINK ABOUT

- Our low prices
- Your trade in allowance
- Investment tax credit
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See us now. Check the invoice and save on top quality New Idea equipment at our lowest possible price.

AVCO NEW IDEA

A.L. Herr
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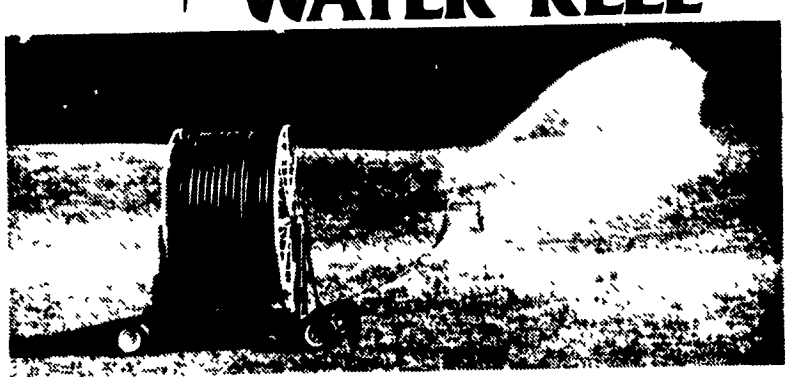
Phone: 717-786-3521

AG-RAIN WATER-REEL



The reel irrigator with so many advantages all rolled under one name.

- **Radial Inflow Turbine Drive** originated and patented by Ag-Rain It s the most efficient turbine drive on the market it saves energy Unit is totally gear driven - reel has roller cog drive no inefficient V-belts
- **Speed Compensator** maintains uniform travel speed - assures uniform watering
- **Tachometer Speed Setting** - convenient direct read-out of ground speed Set and forget
- **No Wasted Water** - all the water goes through the gun sprinkler none is dumped on the ground
- **Reel Swivels** - easily on ball bearings - irrigates up to a half mile from one position
- **Dwell Timer** - delays start of travel - results in uniform end of field watering
- **Four Models** to choose from - 4½ inch x 900 feet 4⅛ inch x 1150 feet 3¾ inch x 1250 feet or 3 inch x 880 feet

EECO, Inc.

4021 N. 6th St. Harrisburg, PA 17110
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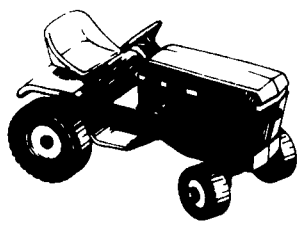
JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

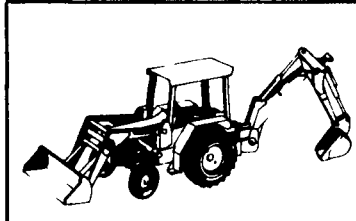
CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

SANTA'S HELPERS

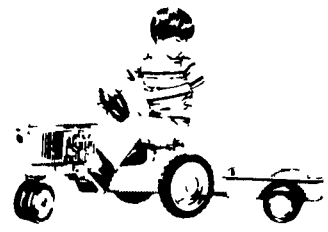
See us for great gift ideas from John Deere



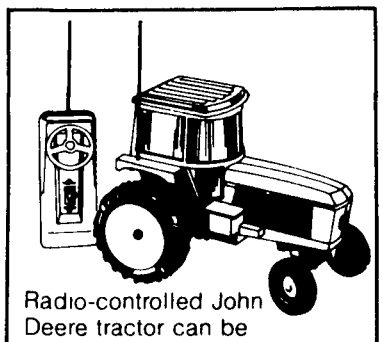
Detailed miniature replica of John Deere lawn and garden tractor



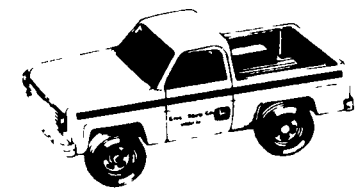
Backhoe loader with real-action steering Operable loader and backhoe



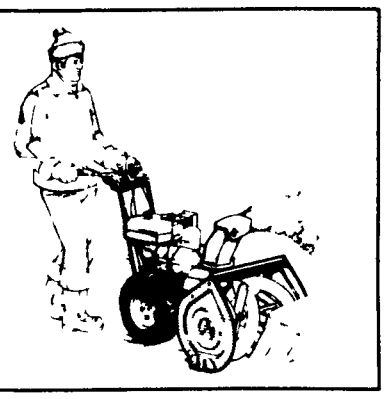
John Deere riding tractor and 2-wheel trailer Built to last



Radio-controlled John Deere tractor can be commanded up to 30 feet away

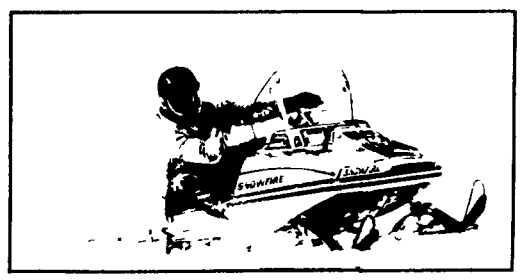


Rugged steel construction John Deere dealer pickup Deluxe detailed interior



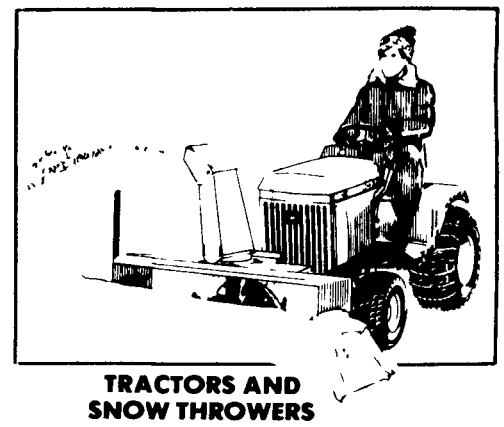
WALK BEHIND SNOW BLOWERS

CHECK OUR SPECIAL TOY PRICES



SNOWMOBILES

CHAIN SAWS



TRACTORS AND SNOW THROWERS

Looking for a good used tractor? See our selection and take advantage of finance charge waiver to March 1, 1984

* Availability of John Deere financing subject to approval of credit.

OUR SELECTION OF USED TRACTORS

JD 4440 Dsl, Quad, S.G. Body A/H w/JD 260 H.D. Hyd., Ldr.
JD 2940 Dsl, TSS Hi-Lo Trans.
JD 2640 w/Roll Guard and Enclosure
JD 4430 Dsl, P/S, SG Body A/H
JD 2630 Dsl, Row crop util.
JD 1530 Dsl, w/Sauder Loader
JD 3010 Dsl, Row Crop
JD 2510 Dsl
JD 730 Dsl
MF 1085 Dsl
MF 65 Dsl; Row cr
MF 135 Gas, P/S t, Hi-Lo
Ford 600
Ford 8N
DEUTZ 6807A Dsl., Cab, MF WD, AM-FM, tape
CASE 430 Gas w/Hyd. Loader

PRICES SLASHED

Buy at Dealer Invoice

AVCO NEW IDEA

MODEL	*INVOICE PRICE
214 Spreader w/217 Sngl Beater	$3973.64
245 Spreader w/Hyd Endgate	$7172.35
119 Fertilizer Spin Spreader	$988.00

*Plus freight, set up & handling, tires & miscellaneous items where applicable.

WE'RE DEALING STRAIGHT FROM THE INVOICE

USED MANURE SPREADERS

NI 218 Tandem 8 ton w/Hyd End, Top Beater priced at	$3550
NI 218 Tandem 8 ton w/Hyd End reduced to	$3000
NI 224 Tandem 10 ton w/Hyd End reduced to	$3295
NI 214 w/216 Flail, Mech End reduced to	$1395
NI 213 w/217 Sngl Btr, w/Hyd End reduced to	$1395
NI 213 w/217 Sngl Btr reduced to	$1195

Several NI 206 Ground Driven priced to sell

NI 206 SPREADERS NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att.

JOHN DEERE JEWELRY ANOTHER IDEA FOR A CHRISTMAS GIFT BUCKLES, BRACELET, NECKLACES, TIE TACS, PEN/PENCIL

CHECK OUR PRICES

WINTER REPAIR SPECIAL
FREE ENGINE OIL CHANGE WITH TRACTOR REPAIR WORK
$100 MINIMUM

10% OFF

On all John Deere Service Work On Farm Tractors and Farm Machinery - No Minimum-Thru March 1, 1984

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHNE DEERE PARTS USED PERFORMING THE JOB.
☆ FIELD SERVICE EXCLUDED ☆

Make all your farm machinery repairs now to avoid wasting valuable time and money in the busy Spring. Our mechanics are experts...call soon! - (717) 291-1046.

By Appointment Only
Sorry we cannot offer discounts on credit sales

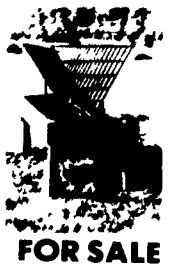
Repair Financing Available Thru JDFP
Credit Approval Required

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

10% Discount On Hay Rakes



FOR SALE
Hayrakes made any size from 6 to 16 ft.
$19.00 a ft.
6 - 8 - 10 ft. in stock
Used Pipe Size From ½x6 half price
Many Other Styles Hayracks In Stock
Any Size Gates Made To Your Needs

SAMUEL F. STOLTZFUS
RD 1 Box 199
Christiana, Pa. 17509
at Bartville

SMITH'S IMPLEMENTS, INC.

Mercersburg, PA **717-328-2244**

NEW MACHINE SPECIALS

JD 2440 Tractor
JD 6620 Sidehill Combine

USED MACHINERY

JD 4040 Tractor w/148 loader, SG, PS, Air, Radio, 1359 Hrs. excellent — $29,000.00
7000 JD 4 Row Dry No-Till Planter — $6,000.00
1440 JD 4 Row Dry No-Till Planter — $3,200.00
JD 336 Baler w/30 Ejector (like new) — $4,200.00
JD #716 Wagon w/1275 running gear, roof & 3rd btr., 10 ply tires, real nice — $6,500.00

Plus Several Good Disks & Plows To Choose From

USED TRACTORS

Waiver of Interest until March 1, 1984

- '64 JD 4020 Diesel, wide front
- '68 4020 diesel, wide front
- '68 4020 diesel, power shift, cab

- '76 JD 8630, 4WD w/dual 30.5x32 - 24.5x32 dual tires, 3765 hrs., nice condition
- TO-30 Ferguson
- '71 JD 4320
- '73 IH 766 wide front, 3 pt. hitch
- IH Super M

CORN PLANTERS

Waiver of Interest until April 1, 1984

- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter
- JD 1250 plateless
- JD 7000 8 row wide, dry fertilizer, auger fill, no-till coulters, insect., monitor

USED CHISEL PLOWS

- IH 13', 3 Pt.
- Graber 26" Flex

USED PLOWS

- JD F145 - 5-16 Semi Plow
- JD F145 - 5-16 Semi Plow w/harrow attachmant

USED COMBINES

Waiver of Interest till January 1, 1985

- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '73 JD 7700 hydrostatic drive
- '76 JD 7700 rotary screen, gear drive, 215 flex cutterbar

'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

CORN HEADS

Good Selection of John Deere
443-444-643-843 Cornheads

MISCELLANEOUS EQUIP.

- Farmhand tub grinder model 900 B, PTO Drive, 1000 RPM, tandem axle, 3 yrs. old, exc. cond. $8,500
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 653 row crop bean head
- JD RG4 cultivator
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- Caldwell grain cart, 700 bushel
- IH 13' 2 bar chisel plow

W.N. COOPER & SON, INC.

Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

YANMAR
Demo Special

This tractor & loader only
186D, 18 HP, power shift, 4 wheel drive, with YFL, 186 loader - 48" bucket
List Price $9402
SALE PRICE $6800
Only 50 Hours. Full Warranty

Biggs, Inc.
34 Buckley Ave.
Rising Sun, MD 21911
301-658-5531

LOST CREEK IMPLEMENT

Oakland Mills, PA 17076
717-463-3511 463-2161

GREEN VALUE EQUIPMENT

TRACTORS

Used 60 HP 2440 Tractor w/146 Loader, 16 sp. Trans., Ind PTO, Loaded, Sharp $13,000

New 60 HP 2440, sale priced
New 110 HP 4240, sale priced

15 HP Satoh Beaver diesel, 4WD, $3,100
IH 400 tractor, $2,200 nice!
JD B tractor, excellent, $1,000
9N Ford, sharp
Clark fork lift, 4000 lbs. lift

TILLAGE

JD F350, 4 btm 16", special $2,000
JD 145 plow, 5 btm 16", exc., $2,500
JD 1250 4 btm., 16" integral $1,395
JD 145 4 btm, 16", very good
Case 4 btm., 16", semi-mounted, $1,000
IH 401 harrow hyd. control, very good, $595
JD 12' drag harrow, $525, good
JD KBA transport disc 10', $1,095
IH 10' disc, transport disc, $950
AC drag disc, $150
Case 7' Drag disc, $195
JD BW disc 10', $1,095

DRILLS & PLANTERS

10' Moore No-Till Drill, Like New $7,200

New 7000 Conservation Planters
4 Row, $800 Rebate,
6 Row, $1200 Rebate,
Waiver till April 1, 1984

IH 56 4 row insecticide, nice, $1,500
JD 494A planter dry, good, $795
JD 494A planter for parts, $200
5400 White 6 row no-till dry, insecticide, monitor, $4,500

HAY & FORAGE

Demo JD 430 Round Baler, List Price $13,585
Sale Price $10,575
New Warranty
Wavier till May 1, 1984

NI forage blower $895
JD 24T baler w/30 ejector, $2,495
Grimm hay tedder, $975
IH 440 baler w/thrower, $3,500
NH 818 harvester w/4 heads, $795
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10' $2,250

MISCELLANEOUS

MF 160 Spreader w/Hyd. Endgate, Good Special $1,200

512 NH spreader w/hyd. endgate
IH 540 manure spreader, new chain, very good
MF 160 spreader w/hyd endgate, good, $1,395
NH tank spreader
JD 227 picker for parts
7' heavy duty 3 pt. blade, $625
96" bucket for 145, 146, 148, 158 loader

JD Finance Waiver & Rebates On Most New & Used Items!

Excellent Selection of Used John Deere Lawn & Garden Tractors

Ford Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS

Ford TW10, 1200 hrs. no cab
Ford TW10, Cab, Air, 500 hrs.
Ford TW20, 500 hrs.
Ford TW10, no cab
Ford 8000
Ford 8000 w/Cab
Ford 1500 w/Ag-Tech Loader, 306 hrs.
Ford 8N
Ford 600
Ford 5000 w/602 Picker
(3) Ford 555 Tractor Loaders, w/75 hrs., 92 hrs. & 240 hrs., cabs with counter weights
Ford 750 Tractor,/ Loader,/Backhoe, cab
IH TD8 Series E Dozer, hyd. tilt and hyd. angle.
Ford 445 Backhoe Loader
Ford 535 Tractor/Loader/Backhoe
Ford 4500 Backhoe Loader
Case DC
AC WD w/mid mount mower
AC D17
900 SOS Diesel
900 SOS Gas
OMC Skid Loader
Ford 340 Skid Loader

EQUIPMENT

IH 315 Combine 3 R Narrow Head & 11' Grain Head
IH 830 Fg. harvester, Corn & Hay Heads
JD 20' Harrow on wheels
IH #14 Rake
NH #258 Rake
NI & Farmhand Wheel Rakes
NI #270 Cut/ditioner
Bearcat #72 Flail Chopper
IH #27 Baler w/#10 Thrower
NH 1010 Bale Wagon
Lanco 14' Fg. Wagon 3 btr. Running gear & box.
Ford 9 tooth Soil Saver
NH 518 sgl. btr. spreader
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.

RD3 Tamaqua, PA 18252
Phone: 717-386-5945

JOHN DEERE — *Nothing runs like a Deere*

CLUGSTON IMPLEMENT, Inc.

SPECIALS OF THE WEEK

NEW HOLLAND & H&S BOX SPREADERS

JD #27 FLAIL SHREDDER

NEW TRACTORS

JD 4250 SG, PS, MFWD
JD 4050 SG, PS
JD 2950 SG, MFWD
JD 2950, SG
JD 2550
JD 300B Loader & Backhoe
JD 850

NEW HAY & FORAGE EQUIPMENT

NH 782 Fg. Harvester
JD 5440 SP Fg. Harvester, 4 WD, 1180 hrs.
JD 3940 & 3960 Fg. Harvester
JD 347 Baler
JD 327 Baler
JD 430 Baler
NH 311 & 316 Balers
NH 849 Round Baler
NH 488, 495 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
New Hay Tedders

NEW TILLAGE

JD 950 Roller Harrow
JD 2600 4B Plow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS

NH 445, 555
Bobcat 643, 743

NEW SPREADERS

NH 519, 679, 791
Martin 2400 V Type & F1466 Scavengers
H&S 260 & 295 Spreaders

NEW PLANTERS

JD 7000 6 Row Consv.

USED TRACTORS

JD 2030
JD 2030 w/reverser
JD 4010
JD 3020
Farmall A w/Hyd. Lift
MF 265
MF 202

USED CORNPLANTERS

JD 1240
JD 1260 w/monitor
JD 7000 6RN Cons.
JD 7000 6RN w/min. till attach.
White 5400 6RN Plateless

USED HAY & FORAGE EQUIPMENT

Hesston PT10 Mower-conditioner
NH 479 Haybine
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 269 Baler w/Thrower
NH 78 Baler
JD 24T Baler
Hesston 1010 Swing Tongue

USED MISCELLANEOUS

OMC 1700 Skid Loader
Oliver Fertilizer Spreader
JD 790 Flail Spreader
V1575 Martin Spreader
Post Hole Digger

NEW MISCELLANEOUS

JD 335 Skid Sprayer
Most Model JD Loaders & Blades
Demco Sprayer 600 gal.
JD #27 Flail Shredder

Ask About Waiver of Finance on NH & JD Equipment
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat — SPERRY NEW HOLLAND

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

REPAIRS AND OVERHAUL

WINTER DISCOUNTS ON NEW HOLLAND, AC, VANDALE, STARLINE AND OTHER BRANDS OF FARM EQUIPMENT.

NEW EQUIPMENT

CALL FOR SPECIAL WINTER PRICES AND TERMS. FREE FINANCE ON SOME PRODUCTS AS LATE AS SEPT. 1, 1984 OR LOW FINANCE CHARGES ON ALL NEW AND USED SNH EQUIPMENT. 4.9%, 7.9% or 10.9%, APR FOR 12, 24 AND 36 MONS. RESPECTIVELY.

Also Winter Buyers Dividends and Cash Allowances in lieu of finance on most equipment.

USED EQUIPMENT

NH L-325 Skid Steer Loader w/54" bucket $6,250

NH 1895 SP FORAGE HARVESTER
Cab & Air,
Cat Power Unit
12 Double Edge
Underbeveled Knives, Metal detector base unit with 880 Pickup head..... $32,500
NH 880 R2 Crop Heads
24' Elevator w/Motor..... $490
Repaired 3 & 5 H.P. Elec. Motors..... $100 to $150
NH 469 mower conditioner..... $1685
NH 328 138 bu. Spreader 2 btr... $1475
NH 273 PTO Baler, Ld. Chute.... $1475
Ford 250 PTO Baler..... $350
Special NH L-35 (Rental) Skid Loader large frame
Limited Time..... $9,500
Special 3000 (Rental) gal. liquid Tank Spreader w/ejectors..... $5,950

AUTHORIZED

SPERRY NEW HOLLAND

PARTS and SERVICE

STARLINE VANDALE

ROYA.

BRUBAKER

SALES ★ SERVICE

Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

Sweigard Brothers

RD #3
Halifax, PA 17032
717-896-3414

FORD TRACTORS
New TW 20 w/cab, 4wd, air
New Ford 4610
New 6600
New Ford 7710 w/Sycro. Trans.
Used Ford 1405B 16" Auto Reset Plow. Ex. Cond.

SPERRY NEW HOLLAND

NEW HOLLAND
New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
New NH harvesters - 707, 718, 782
New L35 gas, L325, L555 diesel, skid loaders
New 353, 358 Grinder-Mixers
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
Used 718 Harvester w/2 heads

AVCO NEW IDEA

NEW IDEA
NI 406 rake
NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreaders

New Glencoe 12'9" Finishing Harrow
Used JD 340 Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

Dismantling Combines for parts over 200 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600.

COMBINES

E Gleaner, 3 row narrow corn head, cab, 10' grain head
IH 205 w/10' grain head, 2R corn
IH 105, cab, grain & 2 row corn, $2500
Gleaner A2 w/cab & grain head & corn head
NH 985 cab with quick-tach grain head
MF 300, cab, 13' grain head, 2 row corn head, $3500

TRACTORS

Late Farmall H, good shape
IH 1206 wide front end, torque & 3 pt., 120 HP, nice shape.
IH 560, fully equipped
AC C tires, like new
Late JD A w/hydraulics
JD 60 w/live PTO, $1050
IH 330 w/loader and power steering
VAC Case, 3 pt., hydraulics, $750
Oliver 77 gas, $675

TILLAGE

JD 1450 6 btm. 16" plow, $1750
3-IH 10' & 12' wheel discs
10' transport roller harrow

MISC.

2 Dodge Buses, good running condition, makes good hay truck or campers.
Wide Front Ends; Oliver 77, Massey 44
Case spreader, $275
2 sets of 18x38 rear tractor, dual wheels
New Zimmerman 32' elevator, $1450
IH loader for H or M, $185
Sauder loader, $100
3 pt. Hesston round balemover, $450
Dump trailer will haul 12 T shelled corn, suitable for tractors 100 HP or over
IH PTO spreader, $375
JD 1450, 6 btm., 16" plow, on land hitch, $1575

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, WC, D17. Oliver 70 & 77. Ford 8N, Ford 6000D. Case SC & V.A.C., DC. Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts

POSITIVELY NO OUT OF STATE PERSONAL CHECKS

KEITER'S FARM MACHINERY

R.D. #1 Halifax, PA 17032 Rt. 225
20 mi. north of Hbg.
Phone: 717-362-9574

FARM EQUIPMENT

SHULER EQUIPMENT SALES

RD #1 Box 228
Shuler Road
Shermansdale, Pa. 17090
717-582-4365 anytime
ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS.

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

MF Massey Ferguson

USED EQUIPMENT
MF 510 Diesel Combine w/MF 44 Cornhead
MF 750 Diesel Combine
MF 33 Drill, Like New
NI 214 Spreader
JD FB Drill
JD 6600 Diesel Combine w/Grainhead & 6 Row Cornhead

NEW EQUIPMENT
MF 205 Tractor
MF 210-4 Tractor
MF 250 Tractor
MF 698 Tractor
NI 660 For. Harv.
NI Manure Spreaders

N.H. FLICKER & SONS, INC.

Box 68
Maxatawny,
PA 19538
215-683-7252

DEUTZ

USED TRACTORS & EQUIPT. IN STOCK
Used Deutz D-8006, 85 HP, cab & duals, clean, 1240 hrs
Used JD 4020 Diesel, wide front end
Used Hay Tedder, Vicon, 10'
MF 128 T baler/thrower, wide pick-up, shur-tie knotter
John Deere 480 mower conditioner

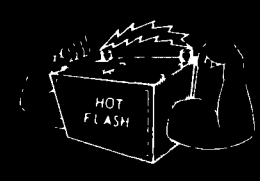
NEW TRACTORS & EQUIPT. IN STOCK
D5207 Deutz tractor, 52 h p
D6207 Deutz tractor, 62 h p
D6807 Deutz Tractor, 68 h p
D7807 Deutz tractor 74 h p
DX 120 Deutz tractor, 111 h p, w/4 post safety frame
Leon 636 heavy duty front end loader, fits Deutz tractors
Deutz-Fahr KH300 9 8' Hay Tedder
Deutz-Fahr KS85 Hay Rake
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20-32 H P electric start

STAUFFER DIESEL, INC.

312 West Main Street
New Holland, PA
PHONE 717-354-4181

TIRED OF BEING OVERCHARGED?

Battery Warehouse



OFFERS A COMPLETE LINE OF TOP QUALITY BATTERIES AT EVERYDAY LOW LOW PRICES

FARM TRACTOR BATTERIES

Group 1 6 Volt **$31.95** Exch.

Group 30H 12 Volt **$59.95** Exch.

PASSENGER CAR BATTERIES STILL

As Low As **$29.95** Exch.

We Specialize In "Hard to Find" Implement Batteries

When You Need A Battery Call The Experts At

Battery Warehouse

Complete Price Sheet Available Upon Request

HARRISBURG 717-652-0565
ALTOONA 814-942-2888
MECHANICSBURG 717-697-4414
YORK 717-846-5925
JOHNSTOWN 814-266-7807
HAGERSTOWN, MD 301-791-7780
CHAMBERSBURG 717-264-7414
SINKING SPRINGS 215-777-5284
LEWISTOWN 717-242-2536
STATE COLLEGE 814-234-3192
WILLIAMSPORT 717-323-5645
WESTMINSTER, MD 301-876-7188
SHAMOKIN DAM 717-743-5383
BEL AIR, MD 301-879-4323

Stauffer Diesel Inc.

312 West Main Street
New Holland, PA
PHONE 717-354-4181

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

WHITE TAG SPECIALS

3088
234D-4WD, 15HP $5400
244D-4WD, 18HP, $5200
15 Rear Blade, 6', $250
420 3-F plow, $1600
720 5-F plow, $6900
540 Spreader, $3500

LAWN & GARDEN SPECIALS

482 Cub Cadet, 11HP w/mower, $2250
1282 Cub Cadet, 12HP hydro. w/mower, $3018
782 Cub Cadet, 17HP Hydro. w/mower, $3695
982 Cub Cadet, 19HP 3pt., $4465

NEW EQUIPMENT

McKee snowblower for a IH 184 & 154 tractors, SPECIAL PRICE
IH 475 disc, 11'6"
540 spreader
335 wagon
18' bale wagon
Morridge Grain Dryer
5110 grain drill, 16x7

USED EQUIPMENT

IH 475 disc, 11' 6"

USED TRACTORS

9 N Ford, rebuilt

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

NEW EQUIPMENT

TRACTORS

JD 4250 w/SG & PS
JD 2150
JD 2350
JD 2550
JD 2750
JD 2950
JD 4440 w/SG & QR

TILLAGE EQUIPMENT

JD 235 19'11" Disc
JD RM4 Cultivator
JD 1250 3B Plow
JD 1010 Field Cultivator
JD 1610 Chisel Plow
JD 415 Rotary Hoe
Glenco SSP 7B Soil Saver

HAY TOOLS

NH 489 Haybine
NH 58 Thrower
JD 337, 347W Balers
JD 3940 Harvester
NH 38 Crop Chopper
NH 311 & 316 Balers
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester
NH 1037 Bale Wagon

COMBINES & HEADS

JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 213 Flex Platform
JD 444 C. Head
JD 4420 Combine

PLANTING EQUIP.

JD 7000 Cons. Pltrs. 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

OTHER EQUIPMENT

JD 158, 175, 245, 260 Loaders
JD 1065, 1075 Wagons
JD 78 Blade
JD 450 Spreader
NH 230 Wagon
Century 500 Gal. Sprayer
DeLaval Manure Pump
NH 8 Crop Carrier

USED EQUIPMENT

JD 4020 Tractor
IH 966 Tractor
JD 2040 Tractor
NH 791 Manure Spreader
NH 320 Wire Baler w/hydraformatic & quarter turn chute
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
JD 7000 6R Planter w/Dry Fert.
NH 770 Fg. Harv.
Fox 3000 Fg. Harv.

WAIVER OF INTEREST ON MANY ITEMS

I. G. SALES

DeLAVAL JAMESWAY

Silverdale, PA 18962
215-257-5135

Quonset Buildings

FOR SALE

1978-79 John Deere 6600 Sidehill Combine 1500 hrs. 6 row narrow corn head

Grain Dryer - AS 600 Super B

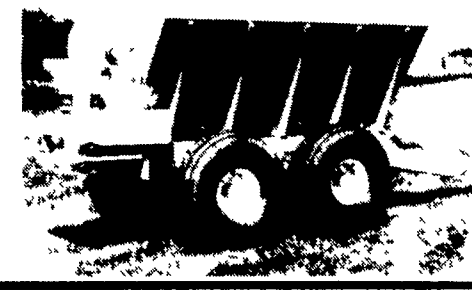
TROSS TERRAINS, INC.
Located on Rt. 890, Six Miles South of Sunbury.
Phone 717-286-6411 or 717-286-0215

USED BELTING MATERIAL RUBBER MATS FOR

Comfort stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers, Hog Houses

Paul N. Brubacher
215-286-5298

STOLTZFUS WET LIME SPREADER



The spreader built to spread stockpiled lime without bridging It will also spread fertilizer & poultry wastes.
2, 5, & 8 ton tractor drawn units & truck mounted available.

The dry materials sower
Accuracy is unmatched
We Sell Direct

C.U. Stoltzfus Mfg. Inc.
P.O. Box 527LF
Morgantown, PA 19543
215-286-5146

USED TRACTORS

JD 4630, cab, air, power shift, exc. cond.
JD 4430, cab, air, quad range trans.
JD 4430, power shift, roll guard
JD 4320, no cab
JD 4520, new tires
JD 4230 w/rollguard
JD 4230 cab & air
JD 4020
JD 4020, power shift
JD 2940, w/roll guard w/500 hrs.
JD 2640 w/700 hrs.
JD 2020 diesel
JD 3020 gas
JD 3020 Diesel, Syncro
JD 1530 & 2030
JD 720 diesel electric start
JD 3020 diesel, power shift
IH 966, cab and air
IH 1466 w/cab
IH 1256 w/cab
IH 656 wide front
IH 574 w/loader
IH 2400 w/loader
Ford 9600
AC 7030 w/cab, real nice
AC 7030
AC 210 diesel
White 4-180 w/duals, quick coupler, used 2000 hours.

USED COMBINES

JD 7700 diesel w/6 row corn head
JD 55 corn special
JD 6600 Diesel
JD 4400 w/4R cornhead
JD 4400 diesel
Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

1980 Chevy tandem w/26' Jerdan rollback, like new
JD power till grain drill
IH 510 grain drill
IH Bigroll baler
JD 346 wire baler w/thrower
JD 346 twine baler w/thrower
NH 278 baler
Keewanne 20' hydraulic fold disc
JD 21' hydraulic fold disc
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
Gehl 2600 skid steer loader, used 800 hours
Gehl 9' haybine
NH 469 haybine
New Farmhand loaders for IH and JD tractors

D & R EQUIPMENT INC.
Ringoes, New Jersey (201) 782-5082

Christmas Bell Ringer Sale!

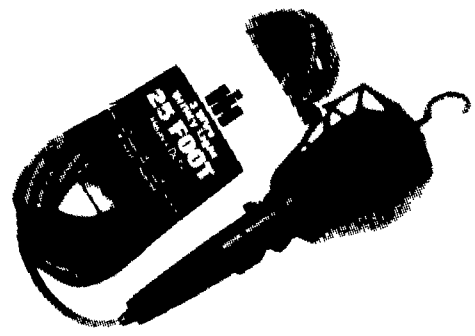
IH PARTS VALUE OF THE MONTH

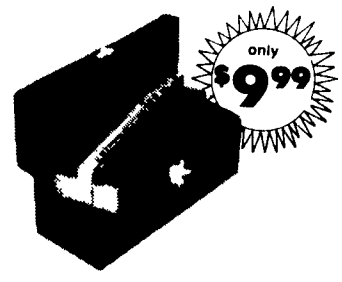
Save on gifts that keep giving!

Utility light

Handy for hundreds of uses, this light features directional swivel hook, vented high heat polypropylene bulb guard, safety switch button guards with built-in three-wire grounded outlet comfortable finger grips, 25-ft cord. 1131 503 R1.

$11.95





15 Tool Box
Designed for home shop or truck this 15 tool box features a convenient lift out tote tray
1132 057 R1

Lever-action grease gun
Takes either 14 oz cartridges or 16 ounces bulk loaded Delivers over 10 000 psi Complete with angle pipe and coupler
1131 055 R2 $7.30

Oil can spout
- Long wearing steel can opening blade
- 7½ inch spout
- Epoxy finish provides durability and scratch resistance
- Part number 1131 057 R1

Special Christmas price .69

Fun gifts for the future farmers in your family

We have a wide assortment of toys that are true-to-life replicas of Dad s International tractors and implements Plus a selection of model kits for children of all ages Come in now and choose your gifts for sons, daughters nieces, and nephews while our selection is still complete And don t forget the kid across the road

IH PART MART

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
PH: (215) 367-2169

FARM EQUIPMENT

Case 450 Loader with 4 IN1 Bucket $6,500
Case 580 Backhoe Attachment $2,000
Case 580 Forklift $6,650
Winch for AC HD 4 $950
JD 400 Loader Backhoe
Michigan Loader Backhoe
MF 70 Loader Backhoe
Call
Still Needed - Bucket For JD 400 Loader
All offers considered
Ed Goodrich Jr.
Rt. 38 & 38B
Newark Valley, NH 13811
607-642-8688 or 8519

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TRACTORS REBUILT
Wisconsin and PERKINS power units
BRIGGS & STRATTON
Sales & Service
10% Off on parts for overhual jobs scheduled before Feb. 1
Glick's Engines
105 Horseshoe Rd.
Leola, PA 17540
717-656-9734

FARM EQUIPMENT

JD 4240 TRACTOR
1100 Hours, Dual Hyd., Diff. Lock, Like New
$17,000
717-532-6892

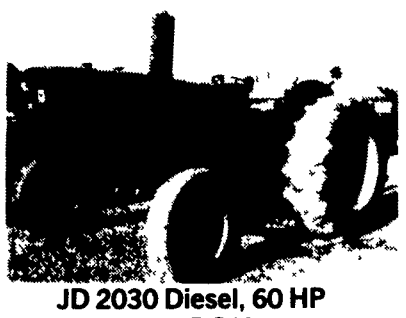
FARM EQUIPMENT

BALDWIN ELECTRIC MOTOR DIVISION, INC.
REPAIR & REWIND - ALL BRANDS AC & DC MOTORS
Call 717-354-5566
Call 717-354-4651
BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
P O Box 232, Honey Brook, PA 19344

1983 YEAR END SPECIALS

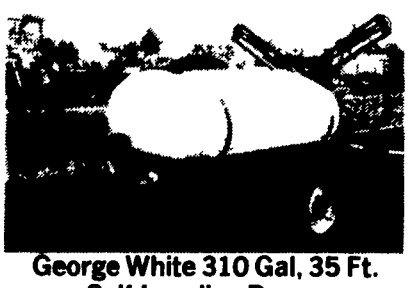
TRACK DOWN BIG BUYS ON USED EQUIPMENT

TAKE ADVANTAGE OF YEAR-END TAX INVESTMENT CREDIT

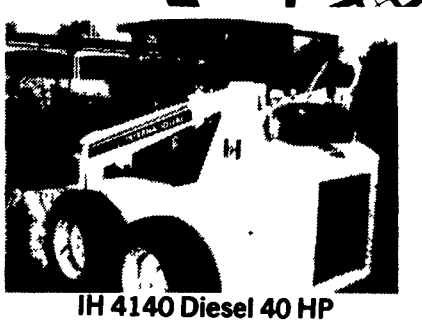


JD 2030 Diesel, 60 HP
$5500.00

MF 255 Diesel low hrs. 50 HP
Price Reduction
~~$11,250.00~~ **$9850.00**



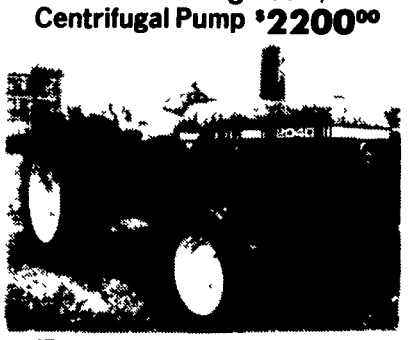
George White 310 Gal, 35 Ft. Self-Leveling Boom, Centrifugal Pump **$2200.00**



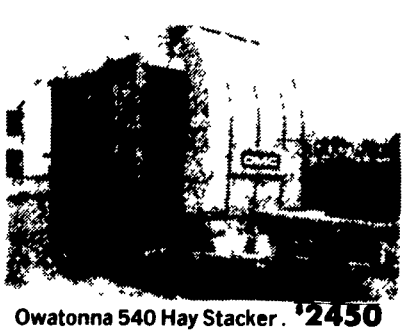
IH 4140 Diesel 40 HP
$7850.00

JD 4020 Diesel, Power Shift
Price Reduction
~~$9500.00~~ **$8500.00**

JD 2350 with Caster Action MFWD, 55 H.P., 340 Hours
Take Over Remaining Lease Purchase Payments.
Call For Details.



JD 2040, 40 H.P., 113 Hours Much Remaining Factory Warranty **$11,500.00**



Owatonna 540 Hay Stacker. **$2450**
Owatonna Stacks Mover . . . **$1250**
Economical Hay System
Excellent For Corn Fodder

TRACTORS

JD B Tractor **$1000.00**
JD 4430 125 H P, 4 Post Roll Guard, Duals **$19,500.00**
MF 180 Diesel, 63 H P w/Multi-Power **$5800.00**
JD 720 Diesel, 56 H P **$1600.00 As Is**
JD H with Cultivator **$1250.00**
JD 3020 Diesel on Steel **$7500.00**
JD A Tractor **$875.00**
Mitsubishi Stallion S-750D Diesel 33 HP With Front End Loader **$6500.00**

PLANTERS & DRILLS

JD 1240 Plateless Planter **$1700.00**
JD 1240 Plateless Planter **$1650.00**
JD 1240 Plateless Palnter **$2600.00**
IH 56 Corn Planter **$1350.00**
Fertilizer Auger Fill Attachment For 4 Row Corn Planter **$300.00**
JD 246 2 Row **$250.00.**
JD 7000 Regular 6 Row Narrow w/Dry Fertilizer, Monitor, Insecticide **$7700.00**
JD 18 x 7 Grain Drill **$2100.00**
JD 7000 Conservation 6 RN w/Liquid Fertilizer, Insecticide **$7500.00**
Twin Row Tobacco Planter **$425.00**
JD 7000 Conservation 6 Row w/Liquid Fertilizer **$8650.00**
JD FBB 15x7 Grain Drill w/Fertilizer & New Grass Seed Attachment **$1800.00**

COMBINES & ATTACHMENTS

JD 3300 Diesel with 343, 3 Row Narrow Corn Head **$25,700.00**
NI 713 13 Ft Rigid Grain Platform w/Feeder House **$3000.00**
NH 960 13 Ft Grain Platform **$2850.00**
NH 960 13 Ft Grain Platform **$3600.00**
NI 713S 13 Ft Flex Grain Platform **$2800.00**
JD 4400 Gas **$13,200.00**
NH TR85 Combine **$38,500.00**
NH 972 Grain Head **$4950.00**
NH 718 Harvester **$3750.00**
NH 962 N6 Corn Head **$9500.00**
MF 410 Gas Combine w/13 ft Grain Platform **$9500.00**
NI 717 Combine for Uni System, Used 2 Seasons **$8500.00**
NH 962N4 Corn Head **$4600.00**
NH 962N4 Corn Head **$4500.00**

TILLAGE

JD F130 Plow 4 Bottom **$400.00**
IH Rotary Hoe **$1295.00**
IH 55 10 Tooth Chisel Plow, Pull Type **$1975.00**
JD 45 2 Bottom Plow 14", Demo **$975.00**
JD 925 Roller Harrow, 10 ft **$1595.00**
Case 28 Blade Transport Disks **$1250.00**
IH 55 Cornsertill 9 Tooth **$4500.00**
JD 4 Bottom Plow **$695.00**
IH 530 Plow, 3 Bottom **$695.00**
Glencoe SSP-7 Soil Saver **$3450.00**
JD 300 A Disk Harrow 11 ft 32 Blades **$1800.00**
JD 950 Roller Harrow 12 ft **$2500.00**
JD 115 Disk, 10 ft 28 Blades like new **$2800.00**

HARVESTERS & ATTACHMENTS

NH 717 R1 Corn Head **$450.00**
NH 717 R2 Corn Head **$650.00**
NH 717 R2 Corn Head **$750.00**
NH 822 Corn Head, Low Profile **$2000.00**
NH 707 3 Point Harvester, 1 Row **$2250.00**
Fox 728 2 Row Corn Head **$500.00**
NH 707 3-Point Harvester **$2050.00**
NH 717 Harvester **$650.00**
NH S717 Harvester **$2450.00**
NH 728 Hay Pickup **$425.00**
NH 717 R1 Corn Head **$350.00**
NH 718 Harvester **$3750.00**
NH 880 R2 Corn Head **$1300.00**
NH 880 N3 Corn Head **$1250.00**
Kools KB54 Blower
NH 770 R2 Corn Head **$650.00**
NH 880W Hay Pickup **$1150.00**
NH 822 Corn Head **$1600.00**
JD 35 Harvester **$1250.00**
JD 1 Row Corn Head **$650.00**
NH 707 Harvester w/Corn Head **$1500.00**
NH 707 Harvester **$3300.00**

BALERS

JD 24T Baler **$1500.00**
NH 269 Baler **$1600.00**
NH 269 Baler w/53A Thrower **$2550.00**
NH 273 Engine Baler **$3250.00**
JD 336 Baler w/30 Ejector **$4350.00**
Gehl 1500 Round Baler **$3250.00**
NH 276 w/Thrower **$3850.00**
NH 275 Engine Baler **$3400.00**

LOADERS

JD 143 (Never Used) **$2300.00**
JD 37 Loader **$650.00**

MOWERS & MOWER CONDITIONERS

JD 1380 Windrower Conditioner Mid Pivot **$5450.00**
JD 1209 Mower Conditioner 9 ft **$2700.00**
IH 990 Mower Conditioner, 9 ft **$1600.00**
JD 1209 Mower Conditioner **$3750.00**
NH 489 Haybine, 9 ft **$7200.00**
NH 478 Haybine, 7 ft **$3550.00**
NH 467 Haybine, 7 ft **$2350.00**
JD 336 Baler with Model 30 Ejector **$4350.00**
NH 450 Mower, 3 Point, 7 ft **$1150.00**
Oliver Trailer Mower **$425.00**
Woods 5 ft 6 in Rotary Cutter **$495.00**
NH 1469 Self Propelled, 9 Ft Haybine **$4500.00**
NH 467 Haybine 7 ft. **$2350.00**
NH 489 9 ft **$5200.00**

RAKES & TEDDERS

Pequea 9 ft PTO Tedder **$995.00**
IH 14 Rake **$1050.00**

MISC.

Front Blade for 8N Ford **$525.00**
(2) Richie Cattle Waterers (New) **$235.00**
16.9 x 28 Tire Chains **$200.00**
Onan 21 H.P Engine **$700.00**
Wisconsin 2 Cylinder Engine **$650.00**
JD 60" Manure Bucket **$450.00**

SPREADERS

NH 513 177 Bu. **$2350.00**
NH 518 210 Bu. **$1800.00**
Spin Spreader 8.5 Bushel **$450.00**
NI 218 w/Hyd Endgate **$2800.00**
NH S676 Spreader **$3000.00**
NI 218 w/Hyd. Endgate, Upper Beater **$3650.00**

MISC. HARVEST EQUIPMENT

IH 2PR Corn Picker Wide Row **$2800.00**
NI #7 Corn Picker 1 Row **$550.00**
NI 325 Picker, Sheller, 2 Row Narrow **$3800.00**
Kools Blower **$975.00**
Zimmerman 36 ft Elevator **$1200.00**
Grain Chief 46 ft Grain Auger, PTO Drive, 6" Auger **$1200.00**
Ford 618 Blower **$335.00**
NH 38 Crop Chopper **$2800.00**
Zimmerman 32 ft Elevator **$1050.00**
Gravity Bin with NH Gear **$695.00**
Little Giant 36 ft Elevator **$1800.00**
NI 311 Corn Picker 2 Row wide with NI 311 Husking Bed **$4800.00**
IH 1 PR Corn Picker 1 Row **$1000.00**
NI #7 Corn Picker 1 Row **$550.00 as is**

WAGONS & RUNNING GEAR

JD 1075 10 Ton, Never Used **$2000.00**
Stoltzfus 16' Bale Box **$650.00**
NH 1010 Automatic Pull Type Bale Wagon **$3000.00**
NH #8 Forage Box with NH #234 8 Ton Gear **$3850.00**
NH #8 Steel Forage Box w/High Sides and Third Beater **$3100.00**
Killbros 12 ton Running Gear **$1200.00.**
IH 51 Box w/IH 33 Gear **$2200.00**

GRINDER MIXERS

Owatonna 470 Grinder Mixer **$3450.00**
NH 358, 120 Bushel-with Electronic Scales **$6850.00**

AVCO NEW IDEA
SPERRY NEW HOLLAND
JOHN DEERE

ABC GROFF, INC.

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Thurs Fri 7-9
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Parts 717 354 4191
Sales 717 354 4731
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Since 1890
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OPEN THURSDAY AND FRIDAY UNTIL 9 P.M.

master charge VISA

OUR TRUCKS ARE RADIO CONTROLLED

FARM EQUIPMENT

WHITE FARM EQUIPMENT

NEW EQUIPMENT
WHITE -
2-75 Tractor
2-85 Tractor
2-135 Tractor w/cab
255 Disk Harrow
225 Field Cult., 19'

GEHL-
BU 960 For. Box
FB 99 Blower

AVCO NEW IDEA

NEW IDEA-
384 Solid Plus Spreader

BEHLEN CORN CRIBS-
611 Bushel

KUHN-
17' Gyrotedder

USED EQUIPMENT
2-35 White Tractor
2-105 Tractor w/Cab, Low Hours
800 Series Ford

NOTICE
We Will Close At
12 Noon
Sat., Dec. 24
Closed Dec. 26th

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

FARM EQUIPMENT

CLEANUP SALE

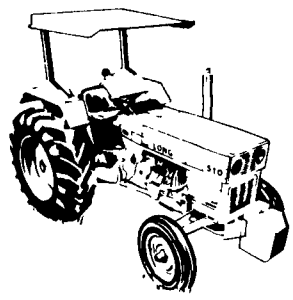
JD 1980 6620 sidehill combine, fully equipped w/643 corn head, 489 hrs.
JD 1050 diesel tractor, 1980 model, 320 hrs , like new
JD LA tractors w/ plow & cultivator
JD 1550 O-till seeder w/carbide cutting wheels
JD 1209 mower conditioner
JD 336 baler w/30 ejector w/cyl. & hyd. tongue w/cyl
JD 145 plow 5-16 w/sidehill & trash boards
JD 1240 plateless planter
JD 2 row row crop, 38", fits models 35, 38, 3800, 3940, 3960
JD round bale grapple w/cyl. to mount on loader
JD 567 rake (Windrow Turner) 4 wheels
Kools blower, 1000 RPM
IHC #16 harvester w/ one row head
JD #2 bale elevator for parts
JD elevator w/ext for 237 picker
Snap-on duals for 20.8x38
Complete markers for JD 7000 planter 4 row
Dry fertilizer attachment for JD 7000 planter 4 row

NEW PARTS AND ATTACHMENTS

JD 16" NU moldboards
JD trash boards complete w/ bracket
Complete harrow runners
Spreader webs
12" cast plow shears
JD roller harrow teeth
Double acting valve for loader
JD rollguard & enclosure for 2840 & 2940
Weather shield for utility tractors
Real Tractor chains sizes 13 6x16 and 18.4x34

Earl Auker
717-463-2394
(Formerly Auker-Ena Eq., Inc.)

FARM EQUIPMENT



LONG

FALL TRACTOR SALE!

NEW LONG 910
72 HP . . . Special $12,000

New Long 260 . . . . . 24 HP
Long 460, Low Hrs...42 HP . . . $5,995
New Long 510... 48.5 HP $8,779
New Long 7'9 3-Pt. Disk $1,388
New Long 60" 3-Blade, 3 Pt. Mower. $970

★ **Sale Ends December 31st** ★

MAIDENCREEK FARM SUPPLY
Blandon, Pa.
215-926-3851
Between Rt. 61 & 222 on Rt. 73
The Orig. & Only Berks Co. Long Dealer

FARM EQUIPMENT

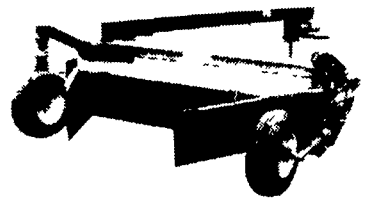
Call

"Triple H Equpment"

for the **1** Series Mower Conditioner from Vicon

Now in 3 sizes ideal for use on your size farm:
- KM 321 working width 10'7"
- KM 281 working width 9'5"
- KM 241 working width 8'

1 - All Mower-Conditioners utilize the patented drawbar and drive line to enable 90 degree and sharper turns under full power.



1 - Larger triangular discs for more knife overlap
1- Full length nylon conditioning rolls tougher than rubber - for thorough, even conditioning.

Call Today for Year End Savings and Big Cash Discounts on all Vicon Equipment
717-548-3775 or 717-548-2094
or write: RD #1, Box 141 Peach Bottom, PA 17563

GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 215-965-5203

Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

JD 4240 Dsl., cab, air, quad, very nice
JD 4230 Dsl., cab, air, quad
JD 4520 Dsl., Very Good
JD 4630 Dsl., cab, air, quad, 1975 20x38 Tires, very nice
JD 4030 Dsl. Cab and Air
JD 4430 Dsl., Cab, air, quad, very nice
JD 4430 Dsl., WF, Rops
JD 4230 Dsl. Power Shift, fender tractor, very good
JD 4020 Dsl., WF, dual hyd., 1968
JD 4020 Dsl., side console power shift, JD rollguard cab
JD 4010 Dsl WF
JD 3020 Dsl. WF, side consold, rebuilt engine, ex. cond.
JD 3020 Gas Row Crop
JD 2940 Dsl w/148 Loader, 1300 hrs., ex. cond.
JD2630 Dsl. WF, Independent PTO
JD 2030 Dsl., independent PTO, very good
JD 2040D Utility
JD 820D 3 cyl. 8 speed
JD 830D, roll guard, cab with heat and air
JD 301 w/loader,3 pt. hitch, PTO, very good
IH 1086D Cab and Air, 1500 hrs., 20x38 Tires, Very Nice
IH 1066 Dsl. Year Round Cab and Air
IH 1066 Dsl., WF, cab, air, new tires, new TA, excellent
IH 1466 Dsl. Cab, Air, Very Nice
IH 1456 Dsl., WF, dual hyd.
IH 1206 Dsl WF
IH 806 Dsl., wide front
IH 986 Dsl. Cops, 1185 hrs. Like New SOLD
IH 686 Dsl WF
IH 856 Dsl. WF 38" rubber, new TA, very good
IH 84 Hydro, 1600 hrs., 1980 model.
IH 766 Dsl. WF, w/cab & air, very nice
IH 656 Gas, 3 pt. hitch
IH 504 Gas, w/3 pt.
AC 185 Dsl., wide front, nice
AC 7000 Dsl. Power Shift, Cab and Air
AC 200 Dsl. w/cab, excellent
White 2-85 Diesel WFE SOLD
White 2-70 Dsl. WF, 1 owner
Ford 8600 Dsl., dual power
1975 Ford 3000 Dsl. w/loader, nice
Ford 7600 Dsl., very good
Ford 6600 Dsl., very good
Case 1030 Dsl., w/cab
Case 1190 Dsl., w/loader (new)

HARVESTERS

JD 3800 w/2RN Head & Long Tongue
NH 38 Flail Chopper, Ex. Condition
NH 890 w/2 RN Head w/long tongue, electric controls, very good

BALERS

JD 346 Twine w/thrower, hydraulic bale tension, very good
JD 336 Twine w/thrower, nice
Hesston 5400 Round Baler
JD 336 Wire w/thrower
NH 277 w/thrower
NH 276 w/thrower
NH 851 Big Round, auto wrap

DISCS

JD AWF 18' Wing Fold Rockflex
JD BWA 11'6"
JD 210 12'
JD 4000 Double Offset 12'
JD TWA Plow Disc, 28 blade
JD AW 10'-11'6"-13' All very good
Bush Hog 146 Offset, 11', big blades
Kewanee 18' Hydraulic wing fold, very good

CORN HEADS

AC 430 FG-C11
MF 24, 43, 44
JD 243, 244, 343, 443, 444, 643
IHC 227

CORN PLANTERS

JD 7000 6-Row Conservation Dry Fert. Monitor & Insect
JD 7000, 6R liquid fert., w/monitor & insecticide
JD 7000 4RW dry fert, inset., monitor, very good
JD 1240 4-Row plate and platesless w/disc openers, liquid and dry fert. and insect
IH 56 4-Row Dry Fert.

COMBINES

1975 JD 4400 Dsl., w/cab, very good choice of heads
1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1974 JD 3300 gas w/cab, choice of heads
1978 MF 510D cab & air, very nice, choice of heads
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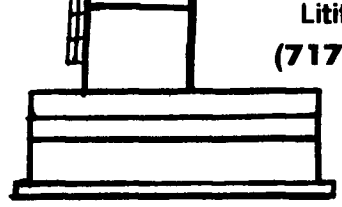

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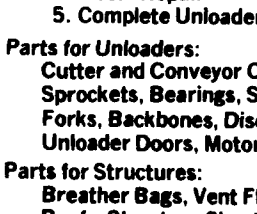

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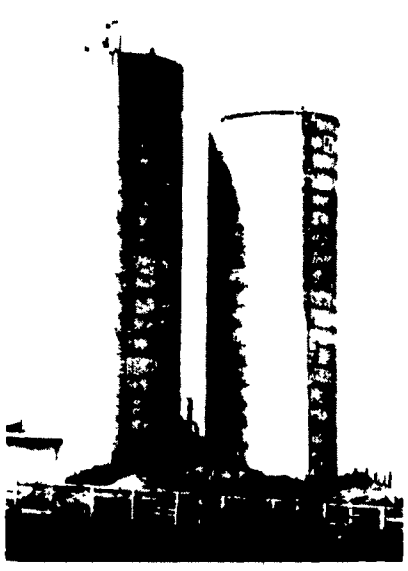

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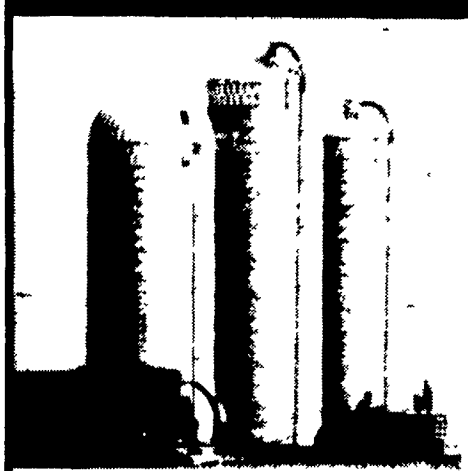

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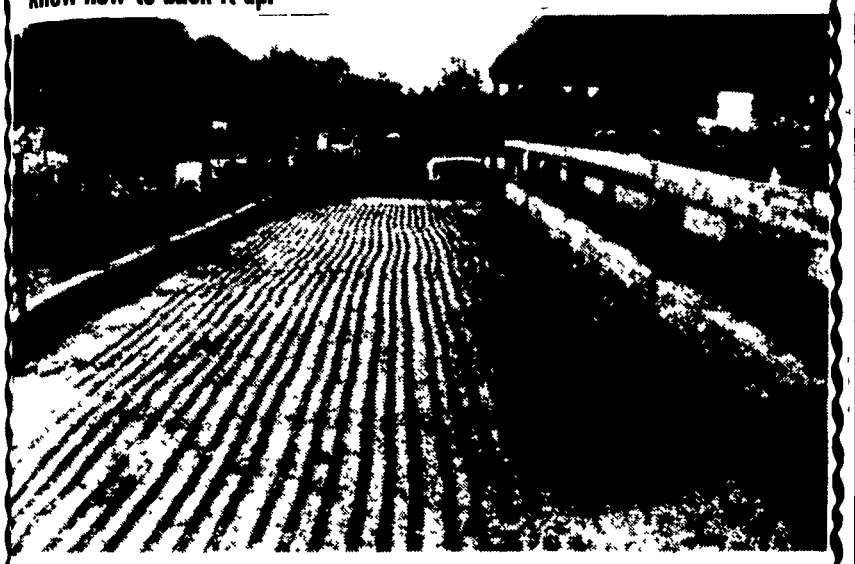

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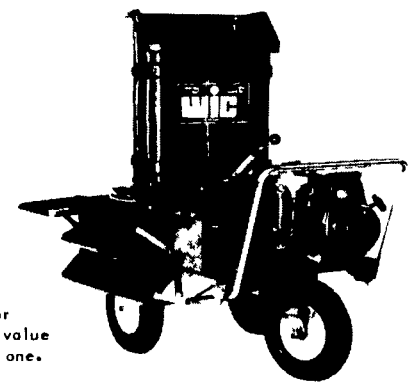

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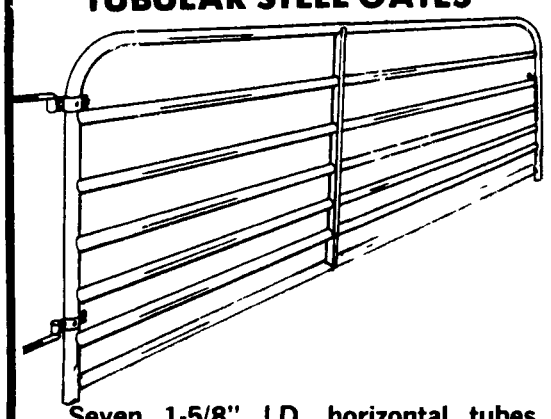

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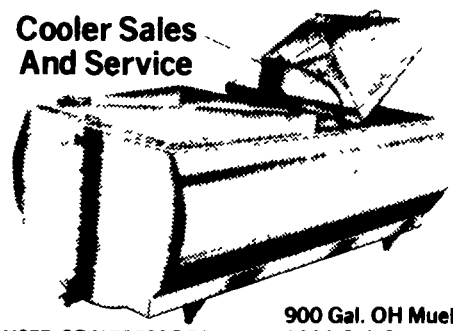

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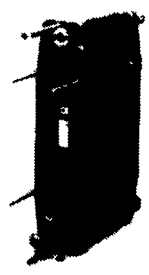

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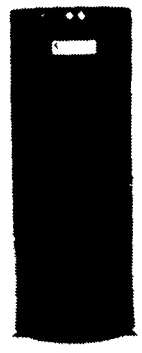

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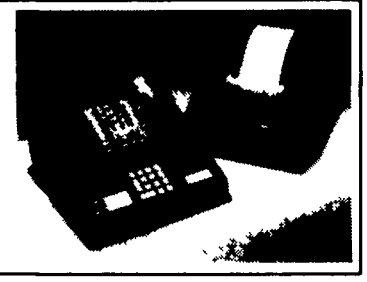

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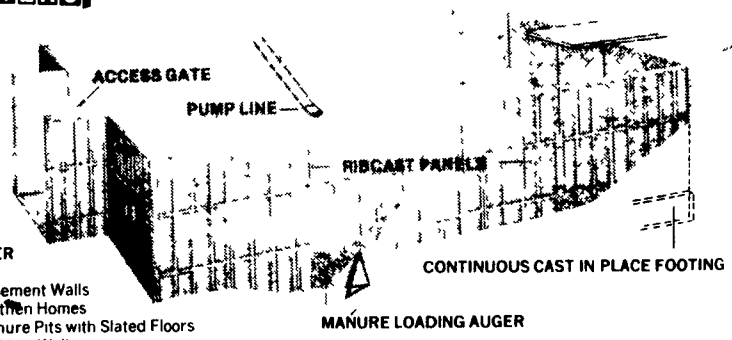

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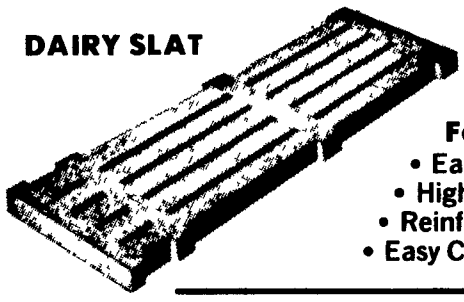

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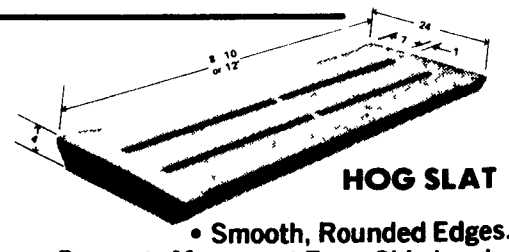

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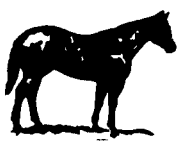

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CATTLE

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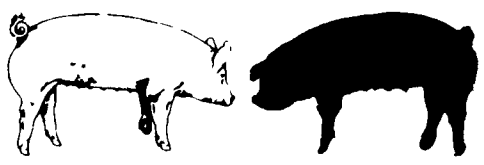

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Farm foreperson wanted - responsible to manager of large estate for production of hay, grain, livestock, poultry and machinery maintenance. Supervisory skills, self-motivation essential. Neg. salary, housing, good benefits. Send resume to Peter Sepe, Manager, Weathersfield Farm, RD 1, Box 440, Amenia NY 12501.

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HELP WANTED

HELP WANTED

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Would like to rent a dairy farm in Franklin or Cumberland Counties, prefer limestone soil, would need room for 60 to 75 milk cows, 717-532-3213.

Young man to live in on farm. Christian home, Lancaster County, PA. 717-872-8553.

Young man looking for herdsman job on dairy farm, enjoys working around cows and young stock, experienced in A.I. breeding, showing, herd health and DHIA, will help w/some field work but prefers to be around cattle. Call anytime 215-383-7398 ask for Tim.

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Lancaster Farming
P.O. Box 366 D-96
Lititz, PA 17543

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For Sale - 1979 Honda ATC 110 3-wheeler, new gears, runs good, $500. 717-627-1724.

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1983 GMC Jimmy, 4 WD, well equipped, 7000 miles, must sell 215-343-2444, Bucks Co.

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Pick Out Your Software First. Farm Software Services, Bernville, PA 215-926-3167.

Wanted Distributors for Apple & IBM-Type computors w/Farmplan Software, minimum investment, full training, support, excellent return, nationwide company. AC&CS, Box 2008, Syracuse, NY 13220. 315-475-1084.

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2½ year old Doberman Pinscher dog, very friendly, purebred, but no paper, $35, 215-267-5641, Lancaster Co.

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For Sale - 7 week Old German Shepherd pups, $25. Write to: David Beiler, 452 Mt. Sidney Rd., Lancaster, PA. 17601.

AKC Shetland Sheepdog pups. Located 1 mile east of Intercourse on 772. 717-768-8569.

Australian cattle dog (blue heelers) puppies, purebred, excellent stock dog, good house or farm dog, will be ready for Christmas, $50.00. 717-358-3129.

PETS

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AKC Collie pups. Ready to sell the week of Dec. 19 $75./ea. Phone 215-445-5273 Lancaster Co.

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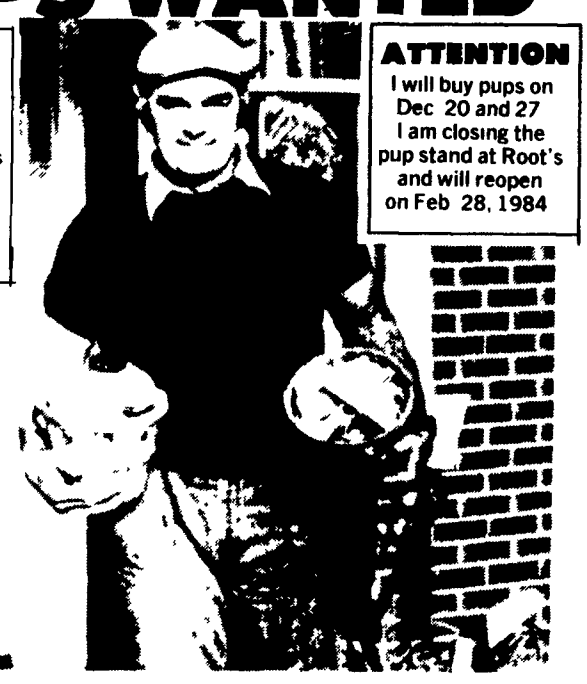
PUPS WANTED

I wish everyone a Merry Christmas and a Happy New Year. There will be a $25 Christmas prize Dec. 20th for the cutest pup purchased. PA residents only



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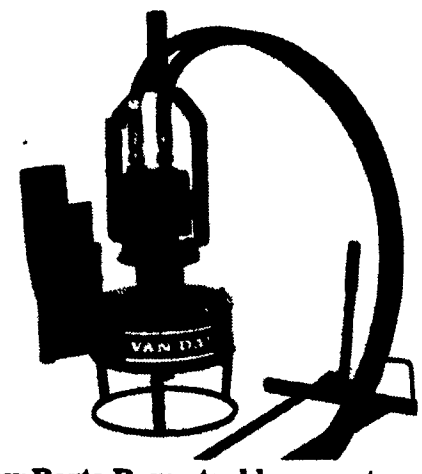

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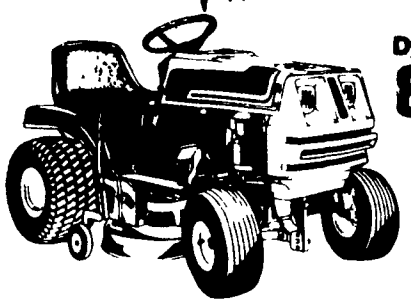
CLEARANCE



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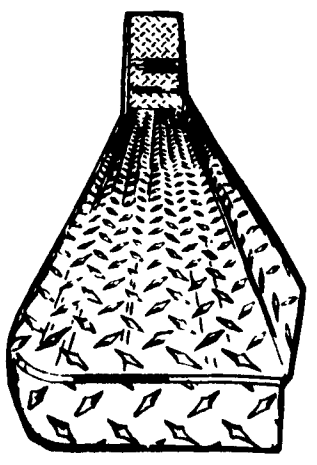

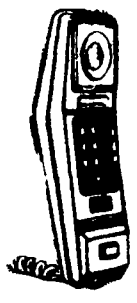

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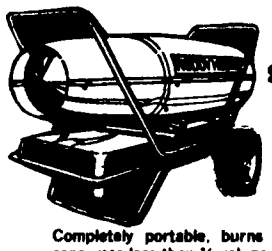

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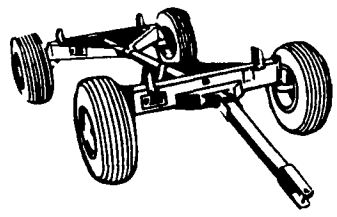

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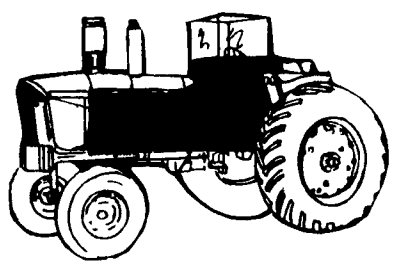

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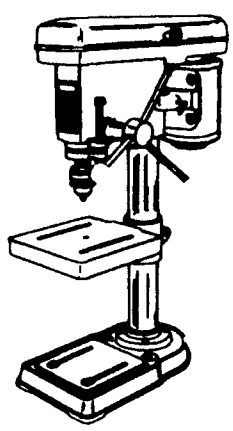

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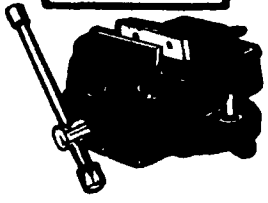

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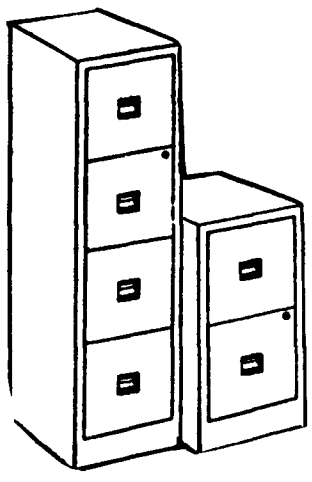

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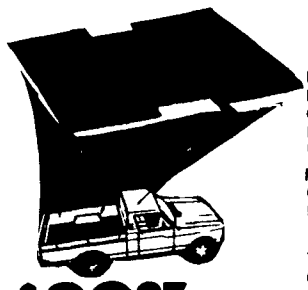

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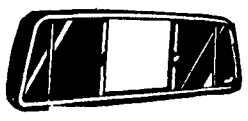

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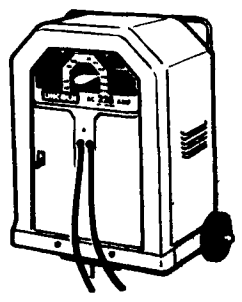

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LMA urges Block to consider livestock producers in dairy bill provisions

KANSAS CITY, Mo. — Livestock Marketing Association (LMA) has called on U.S. Secretary of Agriculture John R. Block to remember "the economic welfare of America's livestock producers" as the USDA develops the "orderly marketing" procedures mandated in the recently-enacted dairy legislation.

In a letter to Block from LMA general manager James L. Fries, the marketing sector trade association says "it is absolutely essential... that the Department take great care in developing and implementing the administrative procedures which will be necessary to reduce dairy cow numbers in a systematic manner."

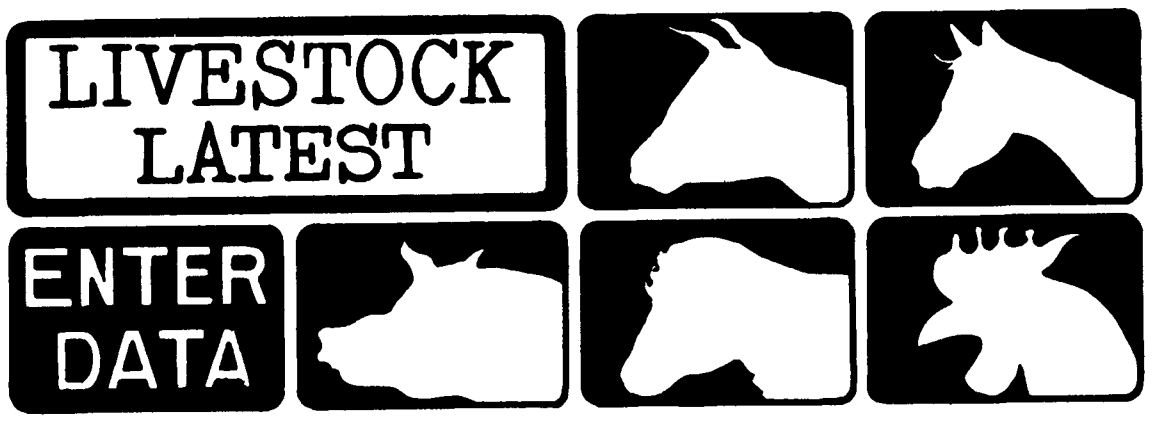
LMA is confident "that this difficult task will receive your personal attention," Fries wrote, emphasizing that the paid diversion portion of the bill "could have an adverse effect on the nation's livestock producers."

LMA, which represents some 1,200 businesses in the nation's marketing sector, told Block "the livestock marketing sector is no more elated than are livestock producers by the prospect of several hundred thousand additional cattle coming on the market.

"Frankly, any possible short-term gain for marketers is greatly outweighed by the negative long-term effect of few livestock to be marketed. Trimming the nation's dairy herd will be a painful process for virtually everyone in the livestock business," Fries wrote.

The controversy surrounding the passage of the bill "may well be overshadowed by the job now facing" USDA in developing the orderly marketing procedures, the letter said.

But, it continues, "The economic welfare of America's livestock producers must be foremost in mind as the procedures are developed. Current conditions within the industry, as well as the intent of Congress, demand no less."



Pa. and National Beef Council expand programs

HARRISBURG — To stablize profitability of Pennsylvania's beef industry, the Pennsylvania Beef Council and Beef Industry Council (BIC) of the national Live Stock and Meat Board have joined forces in long range marketing programs.

According to J. Paul Espy, President of the Pennsylvania Beef Council, "Until 1980, only 2.8 cents per consumer was spent on advertising and promotion of beef." Projected expenditures for 1985 will be 30 cents per consumer projected by Raymond Schnell, director of BIC and livestock auction owner from Dickinson, ND. These expanded programs will include beef promotion, education and research.

Four major points were developed by the BIC national planning committee. These are:

—To carefully review where the beef industry is now and how it got to this point.

—To identify and forecast issues that will be facing the industry in the years ahead.

—To analyze the various competitors for the consumer's beef dollar and determine what direction other industries will be going.

—To determine the best direction for beef industry marketing, types of promotion, education and research programs needed and obtain funding for these programs.

The major consumer markets have changed considerable over the years. It is estimated that by 1990, approximately 32 percent of the population will be in the 25-44 year of age bracket. With the increase, over the past 30 years, of one and two member households, there is a significant increase in the number of women in the labor force and number of two breadwinner families.

Although beef has maintained a strong position in the market place, poultry and fish in addition to all vegetable meals have increased from about 16 to 23 percent of the consumer's "protein dollar."

Maintaining and increasing beef's position

Long range plans call for developing specific materials that will reach as many consumers as possible in many key areas: the high nutritional value of beef exceeds the price consumers pay; developing quick, accurate responses to erroneous or sensationalized information on beef; consumer information on economics of beef production: educational programs for use of beef: encourage increased usage of beef in retail and food service establishments: and increase research of consumer buying habits and new meat products.

According to Espy, state programs will include additional county level promotional events, particularly in high population areas, and conducting research which is specific to Pennsylvania and the Northeast.

Both state and national beef programs are financed primarily by check-off monies contributed by cattle producers when cattle are sold for meat. Pennsylvania initiated a state-wide check-off program Sept. 1, 1983. Many large and small auction markets and packers from Pennsylvania are participating in the check-off program.

Milo for hogs

NEWARK, De. — After last summer's drought, hog producers growing nonirrigated corn may still be suffering from the heat.

"It's not much fun feeding your $4 corn to hogs," says University of Delaware extension livestock specialist Dr. Ken Kephart. "And if the dry weather prevented your raising enough corn to meet feed needs, it's even less fun buying $4 corn."

As farmers who raise swine or other livestock consider next spring's plantings, Kephart suggests they take a look at milo (grain sorghum). The drought resistance of this crop is well documented. "Although it won't thrive in the dessert-like conditions we experienced last summer, it often outyields corn on the Delmarva peninsula because of our sandy soils and limited summer rainfall," he says.

As hog feed, non-bird resistant varieties of milo perform about the same as corn. But it's difficult to make exact comparisons, Kephart says, because the corn and milo used in many university experiments are grown in two different environments – often hundreds of miles apart.

A recent study at the University of Florida, however, compared the feed value of corn and milo grown side by side. In this particular trial, both grains were exposed to drought stress, and much of the moisture they did get was supplied by irrigation, so yields were essentially the same.

After the grains were harvested, researchers used them in normal swine rations. Seventeen-pound pigs were fed either a corn-soy or milo-soy diet until they weighed 220 pounds. The diets were formulated on an equal protein basis, Kephart reports. But since the protein content of the milo was 8.9 percent vs. 7.6 percent for the corn, less soybean meal was neeed in the milo ration.

What about performance? The two groups of pigs had essentially the same growth rate, feed conversion and feed intake.

Identical crop performance and identical hog performance should add up to identical cost of gain – right? "Wrong," Kephart says. "The higher protein content of the milo saved about six pounds of soybean meal per hog. According to figures reported by the University of Florida, that boils down to savings of about $3 a head at current soybean meal prices, which is something to consider with $40 hogs."

Will Delmarva milo yield more protein than corn? There's no way of telling, the specialist says, without conducting a controlled experiment. But the Florida study makes it seem possible, and Kephart is planning to conduct such an experiment with University of Delaware extension crops specialist Frank Webb. Milo and corn grown side by side at the university's Georgetown substation will be fed to animals in the swine unit there.

Will Delmarva milo yield as much dry matter as corn? "We can't answer that one yet, either," Kephart says. "But a 10-year summary from Colorado indicates that corn (grown for forage) yields only 39 percent of milo's dry matter under that state's arid conditions."

What about bird resistant milo? This type contains more tannin to discourage feeding by birds. In a second Florida study three milo varieties with low, moderate and high levels of tannin were fed to pigs, and performance was compared to a commercial variety containing no detectable tannin.

The tannin content had no consistent effect on feed intake. But pigs eating the high tannin milo grew 11 percent slower and were 14 percent less efficient than those in the control group.

What is milo worth as swine feed? "Most university studies show that normal milo has 95-100 percent of the feed value of corn," Kephart says. "And data from the first Florida study indicate that milo (non-bird resistant type) might be worth even more than corn. But all trials show bird resistant varieties are worth only 80 to 90 percent of the value of corn."

Should area farmers grow milo instead of corn for their hogs? "Not necessarily," Kephart concludes. "But if your corn suffers year after year from lack of moisture, next spring might be the time to give milo a try on a few acres."

B-complex vitamins benefit hog performance

NUTLEY, N.J. — Recent research has indicated that hogs may not be receiving adequate levels of all B-complex vitamins. If B vitamin intake is limited, performance can be affected.

Experiments have shown that supplemental B vitamins can affect feed efficiency, growth, reproductive performance and overall herd health. Extensive research efforts have centered around one particular B vitamin – biotin.

Hoof health problems are an increasing concern on modern hog farms. One study indicated over half of all market hogs suffer from hoof defects. Hoof lesions and lameness may be signs of biotin deficiency. Certain hoof lesions respond to biotin supplementation.

In a six month study there was a 28 percent decrease in hoof lesions in sows fed a ration supplemented with high levels of biotin. Unsupplemented sows experienced a 1 percent increase in hoof lesions (Brooks et al: 1977).

Lower supplementation levels (200-500 mcg/kg feed) have proven useful in preventing hoof lesion development. Hogs suffering from hoof defects also respond to these lower levels of added biotin, although at a slower rate.

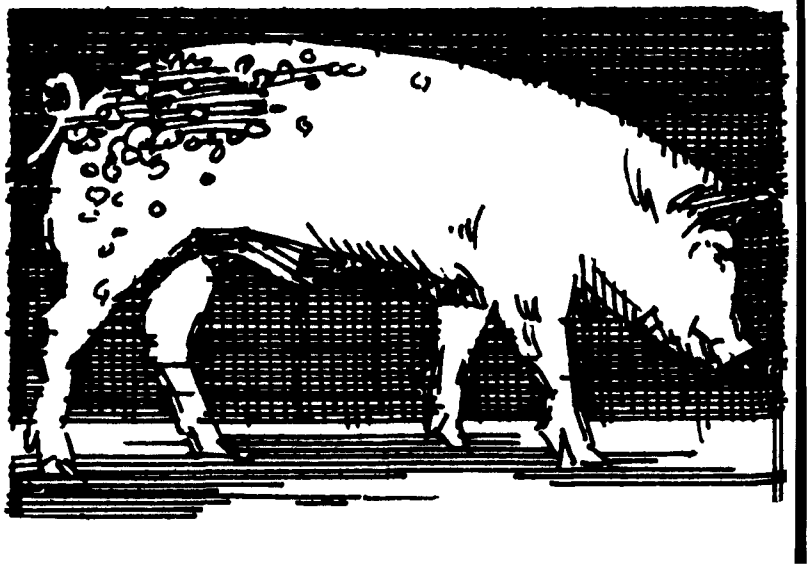
Research indicates that supplemental biotin may help improve growth rate and feed efficiency. A group of pigs averaging 15 pounds body weight were given supplemental biotin (100 mg/ton feed) over a period of 122 days. Hogs receiving the supplemental biotin gained weight 7.8 percent faster than unsupplemented animals. They also consumed 5.1 percent less feed per pound of gain (Cunha et al: 1968).

Reproductive performance of both sows and gilts has been shown to be affected by supplemental biotin. Gilts receiving the added biotin farrowed and weaned more live pigs per litter. In fact, at 28 days supplemented gilts had 1.1 more live pigs per litter (Easter et al: 1977).

Number of live pigs born in subsequent farrowings as well as litter weight and weaning to estrus interval may also improve with dietary fortification. Comparisons between unsupplemented and supplemented sows indicated that litters of supplemented sows were 0.9 pounds heavier at birth and 4.3 pounds heavier at weaning. Sows receiving the biotin-fortified diet reached estrus an average of 4.3 days sooner than unsupplemented sows (Bryant: 1962).

Changes in the swine industry have prompted nutritional researchers to review and adjust vitamin levels. The trend toward total confinement systems is one of many changes. Another is improved breeding and selection techniques which yield pigs that can grow faster on less feed.

In some instances added vitamins are required to prevent appearance of deficiency symptoms (as is the case with biotin and hoof lesions). More commonly, supplemental vitamins help swine reach their full genetic potential by helping to permit optimal growth, feed efficiency and reproductive performance.



Livestock prices to improve in 1984

KANSAS CITY, Mo. — Livestock prices will improve in 1984.

That's the overwhelming opinion of livestock marketing businessmen from across the U.S., revealed in a poll published recently by Livestock Merchandising Institute, Kansas City, Mo. A number of those polled in early December, all Trustees of the Institute, expressed concern about the effect of the new dairy bill on livestock prices. But most did not view dairy cow culling as a big factor in 1984 price trends.

"I think the markets are way ahead of any action Congress might take," said dealer/broker J.D. Branscome, Glenwild Ranch, Grenada, Miss., pointing out that dairy farmers have already culled a substantial number of cows from their herds. "Any price adjustments have already been made.

"Most of the cattle people here are optimistic in regard to prices," he continued. "I anticipate a normal marketing pattern: we'll have two good weeks of cattle movement in both December and January, then I expect runs will be real light until April or May. It'll be a better market — nothing outstanding, but higher than it has been."

Charles Lugbill, Lugbill Brothers, Inc., Columbus Grove, Ohio, said he's still not certain how a dairy cow sell-off would affect the market. "But it looks like we're into a better time," he said. "It looks like prices will trend higher."

"I look to a good year in '84," commented Worth Keen of Western Feeders, Cassville, Mo. "I

(Turn to Page D4)

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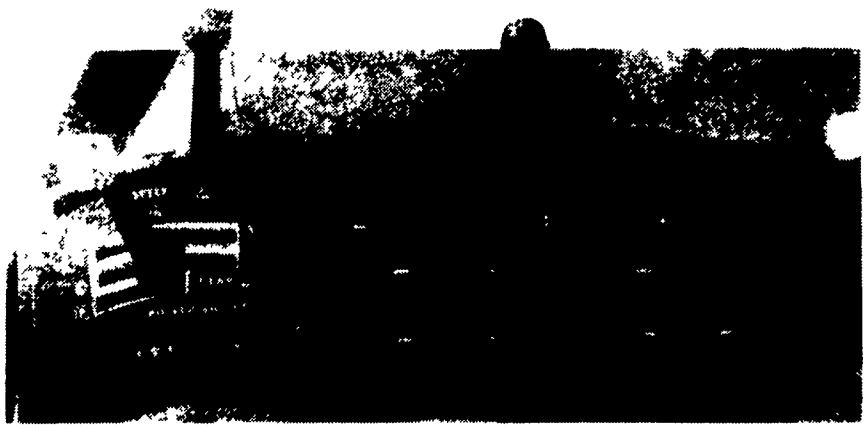

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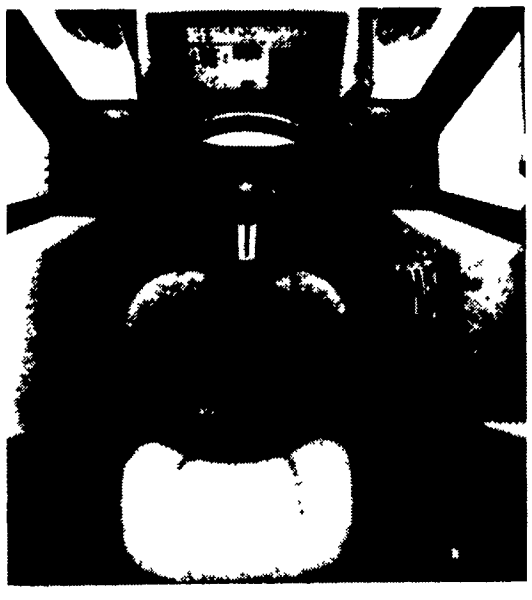

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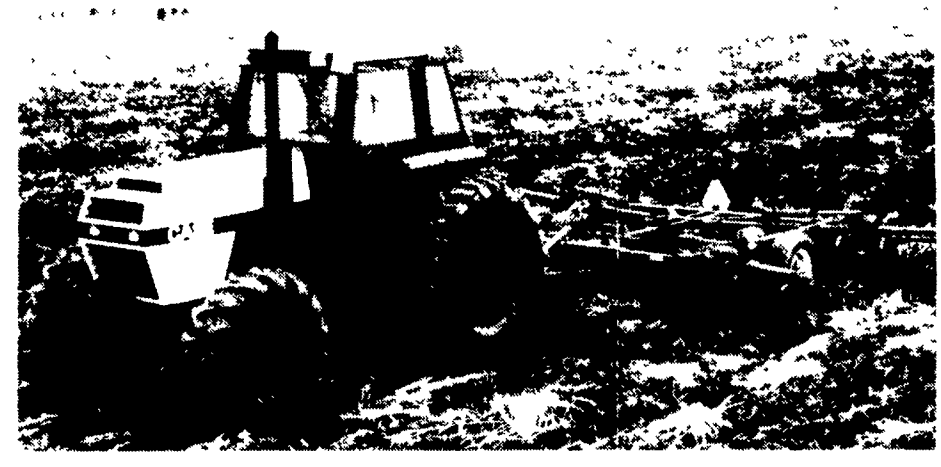

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Livestock Ledger

By

Chester D. Hughes

Extension Livestock Specialist

The holiday season is surely upon us and for those of you, like me, who have procrastinated in completing your Christmas shopping ... only one week remains! The last minute rush is usually very hectic and tiring, but when finished is a satisfying feeling.

I have always been one to give useful gifts; in other words the kind that can be put to work or benefit ones daily activity. For instance, tools, clothes, appliances, and food make great gift ideas. It is particularly enjoyable to give a gift that represents a part of my livelihood, the livestock industry.

Livestock-oriented presents also add a feeling of thankfulness to the spirit of the Christmas season. Thanks, for another year of producing products that feed the inhabitants of this great world we live in and thanks for the skills that farmers have, as well as, their dedication and desire.

I have given gifts of sheepskin, pigskin, leather products, wool clothes, processed meats, canned hams, and farm equipment. I once gave my sister a real live ewe lamb and my dad a new tractor seat. Another sister received a framed photograph of her country champion 4-H steer and my brother always enjoyed a surprise livestock-oriented gift.

Once, I even gave mom a jar of pickled pork hocks as a gag gift. And for dad, one of us would always wrap up a roll of black electrical tape for a Christmas present to replace one that we used during the year to tape up all of our broken belongings. Dad presented me with a wood splitting maul one year ... I figured out what that was for. Often my brother and I would look around the barn and tool shop to see what dad needed, or what we had lost or broken that needed replaced.

Folks often enjoy gifts of farm products like processed meats, beef sticks, cheeses, assorted nuts, fruits and baked goods, too. Our family likes to pack a cooler with frozen meats and vegetables for grandmother. A box of canned goods is also a good idea that is usually gratefully received.

The best Christmas present of all involves getting the whole family together back on the farm to relive past holiday seasons. It's a great time to think back over the passing year and make plans for the new year ahead, discussing these thoughts with family members.

There is still time to complete your shopping and you now have some great gift ideas! Have a wonderful Christmas, a relaxing break in your usual routine, and the best of happiness in the New Year!

Livestock

(Continued from Page D3)

think '84 will be a lot better year than 1983."

Keen added that he sees "nothing but good" after July 1 since, in an election year, "the party in power is going to try to keep things good."

"I think that cattle could make a little money now," said Wayne L. Kruse, owner and manager of Centennial Livestock Auction Co., Fort Collins, Colo. "To me, the outlook is real good... for the guy who's buying calves and feeders. If there's ever a time it might work, it's now."

Just an optimistic was H. 'Skinner' Hardy of Western Stockman's Market, Inc., Wasco, Calif. "Fed cattle marketings look very, very bullish," he said. "We do not have heavy supplies, especially thin light fed cattle offerings. Numbers are extremely comfortable."

Buddy D. Wagoner, president of Valley Livestock Auction, Inc., in Albuequerque, N.M., voiced a similar opinion. "I'm real optimistic, real bullish on the market," he said. "Those who carried calves over 'til spring will see better prices."

Wagoner said he expects prices for lightweight (3-400 lb.) stocker calves to be "real high... they'll probably reach $85-87 for steer calves, with heifer mates about eight (dollars) behind." Prices for 250-300 lb. "flyweight" calves will be even higher, he predicted, up to $90-100 per cwt.

"Of course, I may have to eat those numbers," Wagoner added.

"I'm looking for a stronger, better year in 1984," said Urban J. "Shorty" Arnzen, Cottonwood Sales Yard, Cottonwood, Idaho. He noted that feedlots in the region are "very current," so cattle buyers are looking for replacements.

"In the fall, buyers were very cautious," Arnzen related. "There was a definite limit to what they'd pay. But in the past two or three weeks, they're willing to go a dollar or so higher if they see something they like."

Livestock marketer Wayne F. Craig, Wayne F. Craig & Sons, Shippensburg, Penn., also sees better times coming in 1984. "I look for a favorable market on fed cattle after the first of the year," he said. "I think we're going to pull through it."

Hog prices should also improve next year, said L.H. 'Tommy' Thompson, Jr., president of Gainesville Livestock Market, Inc., Gainesville, Fla.

"There'll be fewer hogs and higher prices," he forecast. It always happens... when (producers) cut back, prices get higher."

"We're beginning to get back to normal," commented W.H. (Howard) Horney, who leads Carolina Stock Yards, Inc., in Siler City, N.C. "I think feedlots will begin to make money (and) I'm looking for some recovery in hogs."

But while he said he thinks the good signs tend to outweigh the bad for 1984, Horney was cautious when it came to calling his views "optimistic." He said he'd rather think of himself as "not pessimistic" about the coming year.

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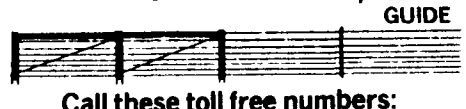

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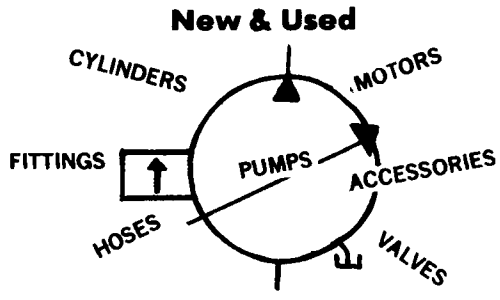

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21'	8,294	$ 3,481	.41
24'	5,136	$ 1,908	.37
24'	10,925	$ 3,872	.35
27'	6,624	$ 2,447	.36
27'	13,948	$ 4,868	.34
30'	10,584	$ 3,329	.31
30'	17,370	$ 5,683	.32
36'	15,658	$ 4,619	.29
36'	25,429	$ 7,613	.29
42'	21,884	$ 5,591	.25
42'	30,743	$ 7,818	.25
48'	29,330	$ 7,416	.25
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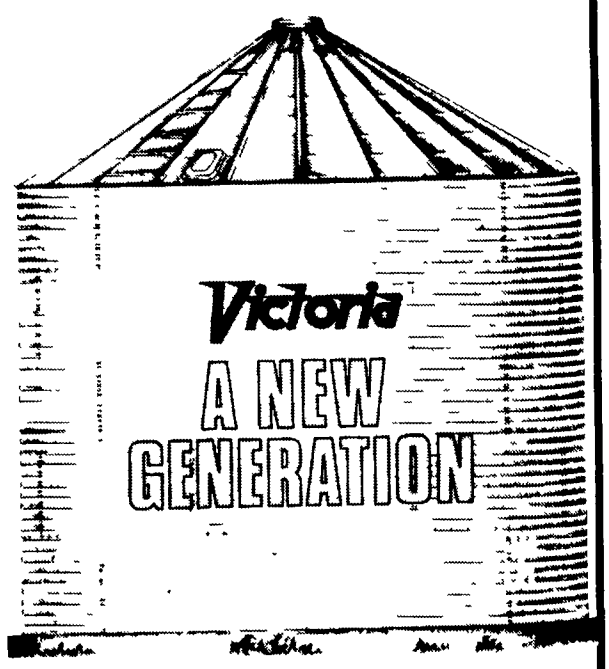

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Woodlots ok for small beef groups

UNIVERSITY PARK — Small groups of beef cattle, no more than six to an acre, can be sheltered and fed in farm woodlots over 70 days in midwinter without undue damage to trees, shrubs, and soil. That's the conclusion from four winters of grazing and sheltering beef cattle in one acre woodlands of the Penn State University.

The trials with mature beef brood cows began in early January and extended into early March, while soils were frozen. Each woodlot contained trees of poletimber size. Two fenced lots held six brood cows and two others held only two cows each. All lots were one-acre in size. For comparison, another group of six cows was wintered in an adjacent unsheltered open lot.

Browsing reduced the number of tree seedlings in woodlots containing six cows. In contrast, seedling trees and shrub stems were not much affected in woodlots with only two cows. Herbaceous vegetation, which flourishes in the summertime, was unaffected by the winter sheltering.

Soil compaction was not affected permanently by the cattle. There was some indication of soil compaction within the top four inches during the 70 day experiments. Measurements from one winter to the next, however, found the soils had returned to their natural density levels. The experiments were carried out by Dr. Lowell L. Wilson in animal science and Dr. Todd W. Bowersox in forest resources, College of Agriculture.

Of real concern were the permanent cattle trails in each fenced area and the compacted, muddy conditions around feeding and watering troughs. Wilson suggests this could be solved by feeding and watering the cattle in open, well-drained areas adjoining the woodlots.

"Many people assume that cattle will cause undue damage to woodlands. This is not true," Bowersox stated. "From our studies we observed that severe damage comes only when too many animals are kept for too long a time in woodlots."

Bowersox knows that foresters in the Northeast generally do not condone the sheltering and grazing of cattle in woodlands and forests. However, he said there are no studies supporting the assumption that woodlands will be damaged if the cattle have access to woodlands only during a few months in midwinter.

Grass-legume hay was fed to the Penn State beef cattle in sufficient amounts to maintain pregnant, non-milking cows according to National Research Council recommendations. Hay was fed in conventional rectangular-bale hay feeders once daily. Each group had access to a free-choice mineral mixture consisting of dicalcium phosphate and magnesium oxide, and a separate trace mineralized salt container. Water was available 25 feet from the hay feeding bunks and mineral supplements.

Over all four years, there was no significant difference between weight change of cows in the woodlots, compared to those sheltered in open areas. However, during the most severe winters, cows sheltered in the woodlots gained more weight than those wintered in the open, unwooded lots. There were also no differences in weight change between animals wintered at two cows per acre and those wintered at six cows per acre.

Charolais-Angus mature cows were used in 1976 and 1977. Straightbred Angus cows made up the studies in 1978 and 1979. Assisting on the project from animal science were Peter J. LeVan and Richard F. Todd.

Wilson agrees with studies elsewhere showing that supplemental feed energy is vital, as high quality hay or grain, when the "windchill" factor is low. For example, if the temperature is 0 Fahrenheit, and there is a 20-mile per hour wind, the wind-chill factor becomes -20F. This means, he said, that cows should be fed 52 percent more energy than if the temperature was 32F with little or no wind. Digestibility of feed energy also decreases about 1 percent per 10F fall in temperature, he added.

"Just remember," Wilson affirmed, "it takes a lot more feed and energy to replace cow condition lost due to poor nutrition or adverse weather than it takes to maintain cows in the proper condition. Supplementing feed energy is much better than letting cows take that needed extra survival energy from their bodies," he declared.

And he pointed out that farm woodlots account for about 20 percent of Pennsylvania's 17 million acres of forest land. If woodlots can be used for wintering cattle without degrading the woodlands, they can make additional contributions to farm income.

Black cherry and grey dogwood were the two most abundant underbrush species eaten by the cattle. These two species accounted for about 74 percent of the total browse consumed. Groups of six cows consumed an average of 9 pounds of browse per animal during the 70 day woodlot sheltering. Two-cow groups consumed 13 pounds of woody browse per cow.

Holiday Heifer Sale averages $746 per head

ITHACA, N.Y. — Buyers responded to the select quality of registered heifers and heifer calves presented at the Holiday Heifer Sale Dec. 3 at the Livestock Pavilion on the Cornell campus as active bidding sent six consignments over the $1,000 mark.

The 17 Polled Hereford and Hereford females consigned to the sale jointly sponsored by the New York Hereford Association and the New York Polled Hereford Association averaged $746.

The sale was topped by a September 1982 "Jogger" daughter, TGF Miss Carltons 23 P, consigned by Walter McAdams, The Glen Farm of Pawling. The buyer at $1,450 was Roy Sanders of Syracuse.

The second highest selling female was a Marshall Farms, Port Byron consignment, MF Starlight 2083, a September, 1982 a granddaughter of Enforcer. The buyer at $1,425 was Durwood Adams of Ontario.

Tremperskill Farm of Andes was the volume buyer taking home seven of the heifers in the sale. The four steer calves averaged $376.

Consignors included Andersen's Maple Farm, Long Eddy; Circle H Farm, Clay; Clover Hill Farm, Clinton; Severino Fratterelli, Livingston Manor; William T. Maxion, Canandaigua; Jim Marland, Cazxenovia; Pine Ridge Farm, Spring Glen; Stone Ridge Farm, Livingston Manor; Marshall Farm. The Glen Farm, and JDH Farm of Dover, Pa.; Terry and Sonjia Shearer, Abbottstown, Pa.; and Powisset Farm of Dover, Mass.

"Red" Shaw was the auctioneer and the sale committee included Robert Generaux of Canandaigua, Raymond Clark of Clinton, and Ted Kriese of Cato. Clara Luteyn of Marion was sale clerk.

A highlight of the pre-sale activity was the awarding of the 1983 New York Junior Hereford Association Achievement heifer to Laura Dennis of PennYan.

Royce Herrala of Geneva was elected president of the New York Hereford Association at that group's annual meeting Dec. 2.

A Spring Sale of breeding stock will be held Apr. 14 at the Livestock Pavilion on the Cornell campus and will be jointly sponsored by the New York Hereford Association and the New York Polled Hereford Association.

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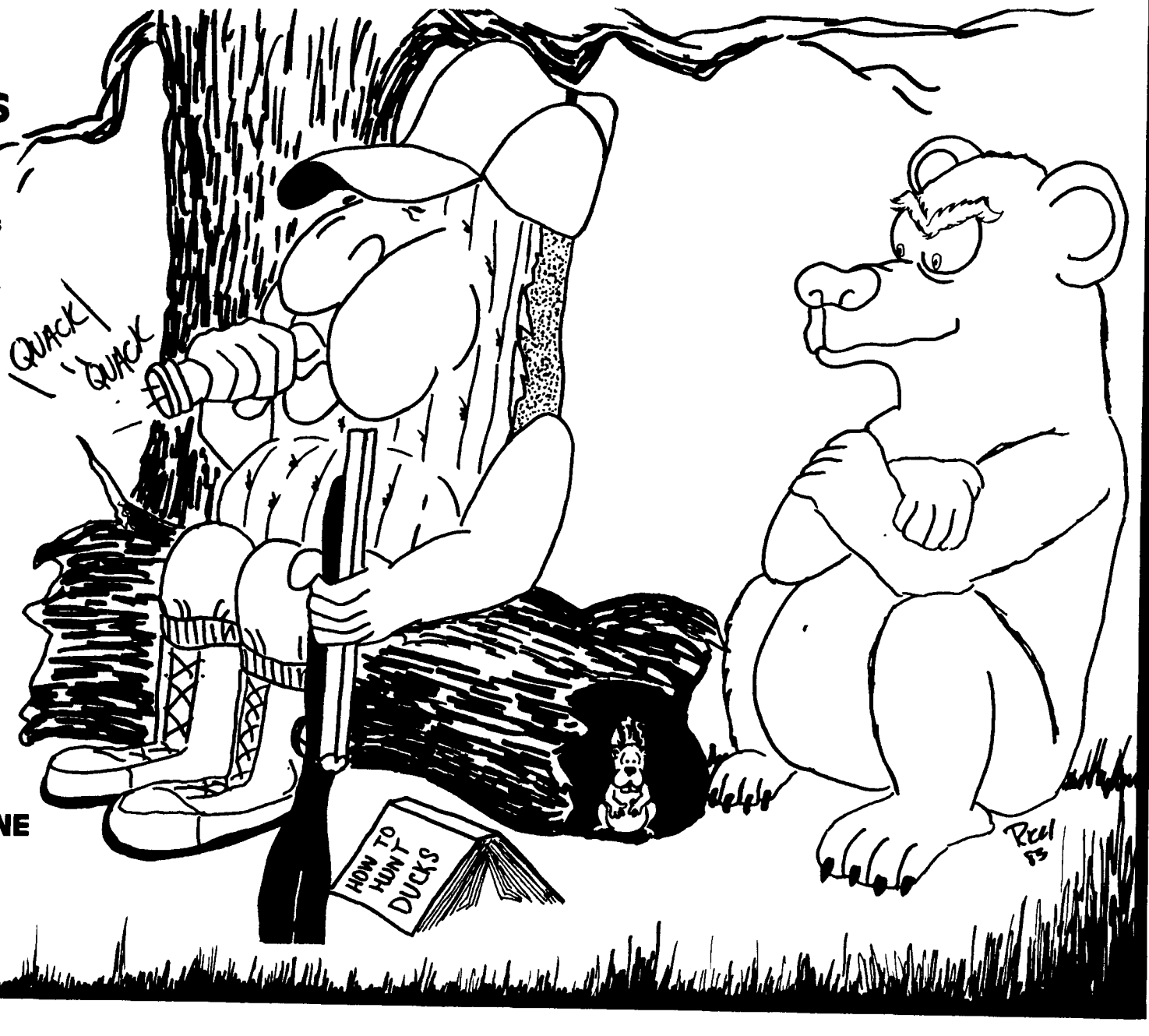

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BUSINESS NEWS...

Sire Power fills marketing post

TUNKHANNOCK — R. Rinell Vincent was recently named to the position of Director of Marketing for Sire Power, Inc., according to DuWayne A. Kutz, General Manager.

As Director of Marketing, Vincent will coordinate and organize Sire Power's marketing objectives of bringing the organization's genetics to farmers throughout the United States and around the world. He will assist, in cooperation with Sire Power's Board of Directors and management, Sire Power's growth objectives and marketing approach in the A.I. industry. His responsibilities are to direct member sales, national, and international sales. Other duties include coordinating promotional and advertising programs throughout Sire Power's marketplace.

Vincent brings to this position a strong background in A.I. with experience, and specialization in sales management. He was previously the National Sales Manager at Sire Power, Inc. for eighteen months. Prior to this, Vincent was employed by American Breeders Service, Inc. of DeForest, Wisconsin. In his 9½ years at ABS, he progressed from District Sales Coordinator in Southeastern Wisconsin to District Sales Manager in Northwestern Wisconsin.

While at ABS he served on the President's Round Table and was

R. Rinell Vincent

recognized for having the fourth best sales district in the nation for ABS business in 1976. He was also recognized for having the eighth best sales district at ABS in 1980.

From 1972 to 1974, Vincent served as a high volume Professional Technician for ABS, and from 1970 to 1972 he was a Technician for Tri-State Breeders.

He graduated from DeForest High School and served in the armed forces. He is a veteran with an honorable discharge from the U.S. Army with service from 1967 to 1969.

A native of DeForest, Wisc., Vincent and his family reside in the Tunkhannock area. Vincent and his wife, Mary Edna, have five children: Heather, 10; Mariruth, 9; Gretchen, 6; Preston, 4; and Rinell, 2.

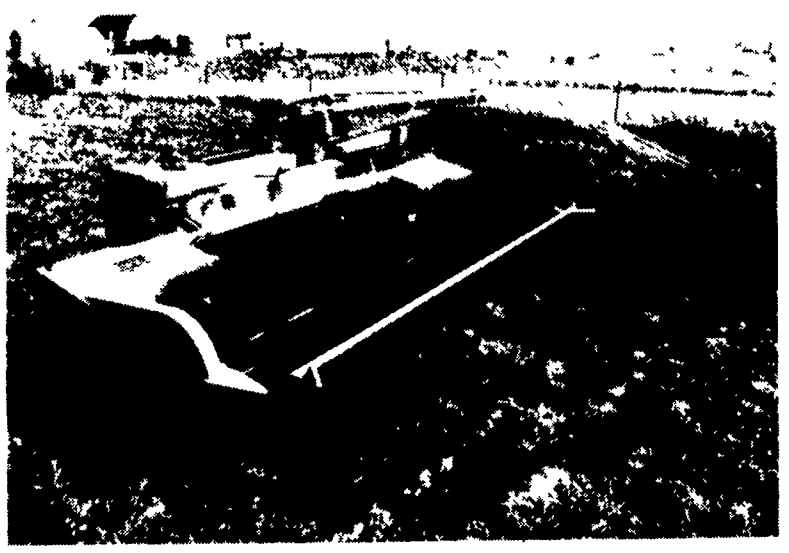
MC's feature hydraulic drive

COLDWATER, Oh. — New Idea Farm Equipment of Coldwater, Ohio, has announced the availability of two new center pivot hydraulically driven Mower Conditioners. Available in 12 and 14-foot sizes, these new models offer many advantages.

Conditioning rolls are 106 inches wide. This enables the machine to produce either a windrow or a wide, fast-drying swath to help speed curing and avoid spoilage in humid climates.

Power-through slug removal is a new feature. When raised to their upper-most position, the conditioning rolls separate to allow the operator to "power through" bunches or slugs (from the tractor seat) that would plug many other mower conditioners.

The sickle and reel are hydraulically driven so there is no power take-off shaft. The location of the center mounted tongue enables both the 12 and 14-foot models to be operated on either side of the tractor. This is an especially valuable feature when cutting on contoured ground or odd-shaped fields and makes maneuvering through narrow gateways easy.



New Idea mower conditioners are offered in 12 and 14-foot sizes.

Taking part in Organic Plant Food Company's "Country Fair and Customer Appreciation Day" were, left to right, Organic's Sales Manager, Kent Fritz; guest speakers, H. Louis Moore, and John Yocum, and Organic Plant Food's President, Bill Brubaker.

Organic Plant Food Co. Hosts Appreciation Day

LANCASTER — Lancaster's Holiday Inn East was the site of the Dec. 13th "Country Fair and Customer Appreciation Day," sponsored by Organic Plant Food Company, of 2313 Norman Rd., Lancaster.

Farmers began arriving shortly after 9 a.m. to sign in and visit with representatives from over 20 of Organic Plant Food's suppliers.

After opening remarks by Organic Plant Food's Sales manager, Kent Fritz, and president, Bill Brubaker, the meeting was turned over to John Yokum, Penn State's research director, who spoke on "Controlling Weeds in Lancaster County Rotational Farming."

Yokum expressed concern over some of the weed problems building statewide, as well as here in Lancaster County, due largely to the application of the same crops and herbicides year after year. He stressed that many weed problems could be averted simply by abandoning this monoculture type of farming in favor of crop and herbicide rotation.

Yokum reviewed the various types of herbicides, and noted that a comprehensive weed control plan takes into account not only the types of weeds to be eliminated, but also soil type, weather conditions, and the time of year.

The final speaker for the morning was ag economist, H. Louis Moore, a specialist in livestock, grain, and meat marketing.

Moore began by noting that even though economic recovery has been strong in some areas such as banking, retailing, and the auto industry, the agricultural community is still plagued by a number of setbacks.

Though grain export sales continue to decline, Moore stated that recent agreements with the USSR and China indicate that these countries will remain a continuing source of revenue. But the speaker cautioned that agricultural surpluses have been a fact of farming life since in 1930's, and will no doubt continue to be one of the American farmer's long-range problems.

On the plus side, Moore noted that consumer confidence is up, and the value of U.S. agricultural land is once again on the rise. In reviewing this year's PIK program. Moore credited drought conditions with reducing the corn surplus rather than PIK, itself. The economist predicted good times for the beef industry during the latter half of 1984, and concluded that the overall agricultural outlook for the coming year is favorable.

Following a buffet luncheon, Bill Brubaker, president of Organic Plant Food Co., discussed the Master Farmer programs for the coming year, and reviewed the results of the newly completed study of the Chesapeake Bay. Brubaker touched on the nutrification problems plaguing the Chesapeake and the implications for farmers located within the bay's drainage system.

Long term storage in high rainfall areas requires some sort of protection for hay bales -- round or square.

Keep those bales under roof

NEW HOLLAND — Hay doesn't need protection in below-freezing temperatures. And round bales store well in low-rainfall areas in either warm or cold seasons. But leaving bales of high-quality alfalfa out in mild, rainy winters may lead to quality loss you can avoid, says Dick Salisbury, of Sperry New Holland.

If the bales are subject to frequent, heavy downpours, they will lose quality because thicker stem legumes don't shed water as effectively as grass hay. Grasses give a bale a thatch-roof effect that protects the feed quality. Keeping the hay dry is the key.

Hay quality loss isn't always easy to see. That's because microscopic bacteria and fungi use up food nutrients inside the bale unless the hay is dry. Moisture from the outside is as damaging as plant moisture inside the stems when hay is baled too wet. Salisbury says you can expect some quality loss, especially in legumes, unless the hay is baled dry and kept dry.

Moisture can enter the hay from above or below. That's the reason large round bales should be stored on a well-drained, dry area. And if you live in a humid area where average annual rainfall approaches 40 inches, it's probably a mistake to let your bales outside uncovered for extended periods.

Salisbury, who is product manager for round balers at New Holland, emphasizes short-period outdoor storage is OK, especially with grass hays if not much rain is expected. Deep-frozen hay keeps well, too.

But in the Middle Atlantic States, the south, and the southeast, winter temperatures are usually above freezing. There's a lot of rain, too—moisture that would be snow if it fell in Montana. Most of this moisture drains off round bales harmlessly. But just enough humidity into the bale to result in too much feed quality loss for hay you have to hold over winter. A roof to keep the hay dry prevents the loss. The longer you store, the more important the roof, says Salisbury. A roof is probably a good idea even in moderate rainfall areas if you plan to store alfalfa or other high quality hay a year or more.

It depends on the value of the product in the first place. The economics of building a roof to protect poor quality hay or crop residues may not pencil out, Salisbury warns. But you can afford to keep your alfalfa dry.

Energy Edicts

By James W. Garthe

Penn State Ext. ag engineer

What is no-tillage farming? Just as the name implies, it is a method of farming that doesn't use tillage for seedbed preparation, says James W. Garthe, Penn State Extension agricultural engineer.

Different tillage practices have come and gone, but it looks like the no-till method is the one that will get many farmers through the tough times ahead.

In many cases, the time saved by no-till will make it a worthwhile alternative for farmers. No-till also saves tractor fuel, labor, soil and water.

No-tillage can also be practices on slopes that are too steep for conventional methods, enabling farmers to plant on more acres of land, says Garthe.

Conventional tillage uses more than twice as much tractor fuel on Pennsylvania farms. Currently, around half the corn in this state is no-till. More and more forage crops and small grains are also being grown using no-till.

No-till involves only planting and herbicide application - no plowing, harrowing, discing or cultivation. No-till planters are slightly different than conventional planters. They are heavier and are equipped to open a slot in untilled soil.

A pair of opening discs is usually preceded by a coulter to slice through crop residue or sod. The seed is dropped in the small slot opened by the discs and the slot is closed and packed by a press wheel.

Residue from the previous crop keeps moisture in the soil where it is needed for seed germination. A plowed field loses huge amounts of valuable water to evaporation.

The root system also protects the soil structure by improving its stability. This results in a reduction in soil erosion.

Pre-cleaners are important

UNIVERSITY PARK — Engine pre-cleaners can make air filter elements last five to ten times longer.

Since dirt is an engine's natural enemy, all engines are equipped with an air filtering system of some type. Engines that operate in particularly dusty conditions, such as those in farm tractors, need frequent air cleaner maintenance.

Frequent replacement of air filter elements is not only expensive, but also necessary to keep the engine running efficiently. A properly maintained pre-cleaner will remove 80 to 90% of the incoming dirt before it reaches the air filter.

Before pre-cleaners were available, the farmer had only three maintenance air filter options: run the engine longer between filter changes, clean and reuse filters, and follow manufacturer's recommendations. All three options can be expensive.

Operating the engine longer between filter changes costs money through increased fuel use and loss of performance.

A filter can be easily damaged when attempting to clean it for reuse. Pounding it on a hard surface to dislodge dirt can damage the seal or the element itself letting dirt pass directly into the engine. Using compressed air may also result in a damaged filter if the element is torn or ruptured, allowing dirt direct access to the engine.

The final option, correct replacement intervals, is the safest bet, but it is costly due to the frequent replacement of an expensive element.

Pre-cleaners, then, are an effective way to save money on filter maintenance without risking engine damage. They are fairly simple devices that can be grouped into three categories: collector bowl, aspirated and flow-through.

All three types separate dirt by spinning air. They differ only in the method by which they handle dirt.

Collector bowl pre-cleaners collect the dirt in a glass or plastic bowl or cup that must be emptied. The aspirated type uses escaping gases in the exhaust system to siphon the dirt out of the pre-cleaner.

The most efficient type is the flow-through pre-cleaner. Dirt is taken from the incoming air and immediately discharged back into the atmosphere. This type is simple and requires no maintenance.

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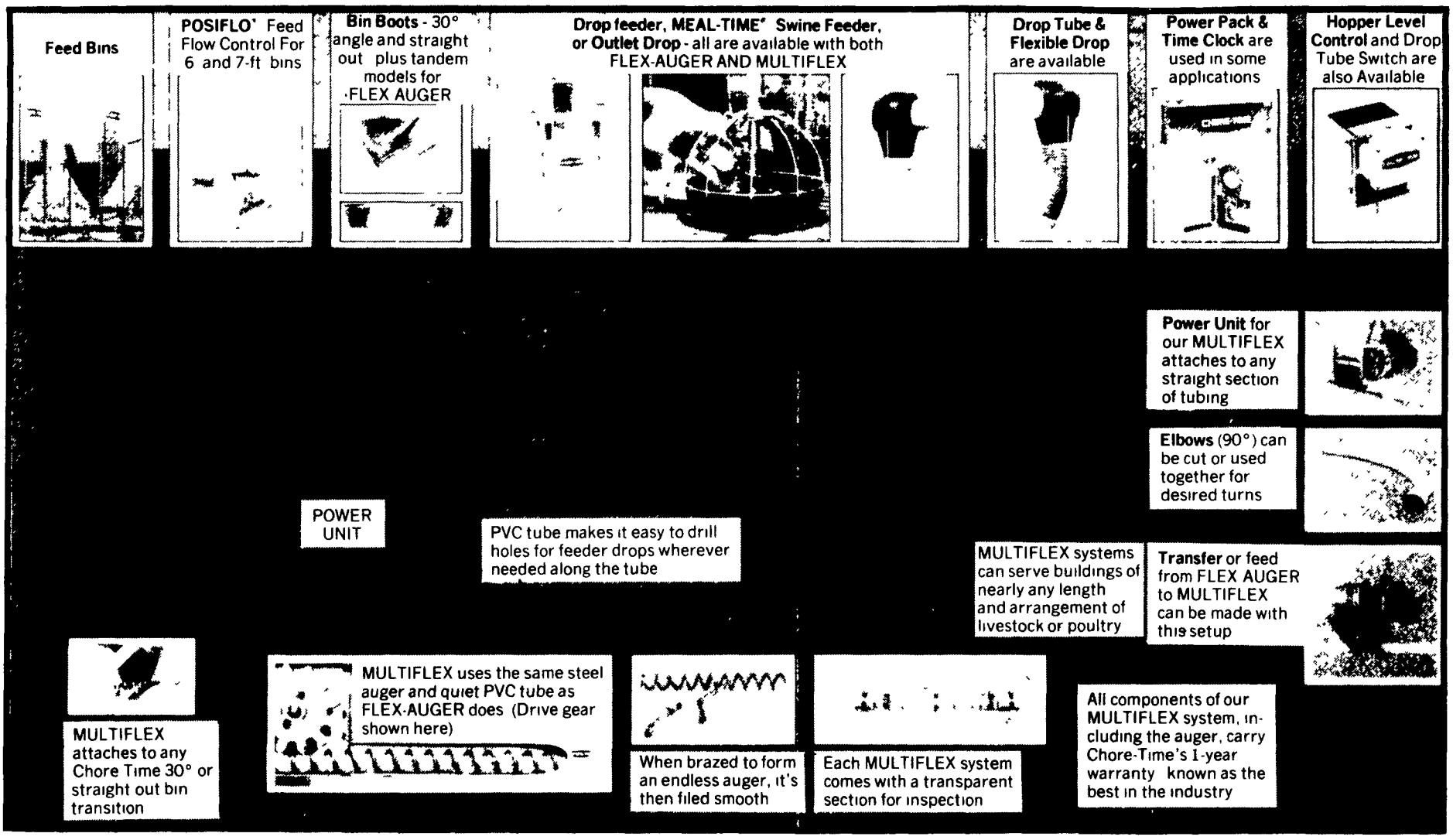
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Indexing system helps in boar selection

CEDAR RAPIDS, Ia. — Hog producers often select breeding stock based on what they see in an animal. According to two swine experts, selection of breeding stock should be based on what producers can't see: economically desirable traits that boost the efficiency of the breeding stock's offspring.

"It's a dollar and cents subject," said L.J. Kortan, swine extension specialist with South Dakota State University. "Three traits – days to market, feed efficiency and less backfat – are medium to high in heritability, and have a large impact on operating costs and the quality of pork found on a typical hog farm. Selection of replacement gilts and boars that are superior to the average of the herd in these three traits will provide a producer with pigs that are constantly improving the efficiency of his operation."

Kortan's comments were echoed by Dr. Eldon Wilson, director of genetic research for Kleen Leen, a breeding stock company owned by Ralston Purina Company. "Hog producers should select new stock based on an animal's genetic potential to improve the profitability of his farm. A selection system that uses an objective index to measure the value of boars is the best way for a producer to choose the right animals with the right traits for his farm."

Measures traits

A good index, said Wilson, should allow a producer to measure the value per litter of using a new boar, and help him estimate the fair price for this animal. Kortan agreed, stating that most economic traits are measurable, including average daily gain and feed conversion.

"For example, pigs that gain one-tenth pound more per day will be 14 pounds heavier at the end of a 140-day finishing period. These pigs can be marketed five to seven days earlier than pigs that do not achieve this faster gain." This improvement in average gain leads to a savings of six to eight days feeding (40 pounds of feed) at 9 cents per pound which totals $3.60 per pig," he explained.

He added that it is not uncommon, through improvements in feed conversion, to receive a ten pound feed savings for each 100 pounds of gain on more efficient pigs. "At 9 cents per pound, that's $1.98 cents per 220 pound market pig." Assuming a boar sired 80 litters his first year, with each litter producing 8 hogs, "that's roughly $1280 in feed savings in just one year from one boar."

Combining the value of these economic traits can be confusing, and Wilson suggests producers use an indexing or measurement system that evaluates the combined effect in one figure. "The genetic potential of a boar is best measured by the overall effect of all three traits on the boar's offspring. Kleen Leen stock is evaluated by a Genetic Potential Rating (GPR) index that combines all these traits, similar to the way university testing stations operate, but is compiled from on-farm performance data."

Disqualifies low boars

According to Wilson, testing starts at three months, after boars are evaluated for quality, soundness and growth rate. At approximately 210 pounds they are taken off test and performance scores for each boar are computed. At this point, the tested boars that fail to achieve minimum GPR performance standards are culled. All boars indexing less than 80 GPR are automatically disqualified, which is 21% of those tested. Boars above the minimum GPR of 80 are ranked according to their performance. Only about 3% of all boars achieve a final ranking of 140 GPR."

Wilson maintains that this kind of indexing system not only gives a producer an objective measurement for evaluating his breeding stock, it also eliminates environmental factors such as weather or facilities. From the measurement process. "All boars on test should be exposed to the same influences, in order to make the evaluation truly objective."

There are, according to the swine geneticist, other benefits in using an objective indexing system. "When a seedstock producer uses objective measurements like a selection index to choose replacements, a constant rate of genetic progress can be predicted. This assures customers that the breeding stock he buys each year are superior to those he bought the previous year. Continued improvement through the basic selection program is the foundation of the Kleen Leen system," said Wilson.

Continued improvements

"For example, Kleen Leen maintains purebred breeder herds as a source of raw material and new genetics for its contract breeders who use purebreds to produce crossbred gilts and boars. Because of the strict selection index used, the performance of our purebred herds has improved every year, and will continue to improve over time."

Wilson attributes this to continued improvements in the basic genetics that are the foundation of the entire hog industry, "for example, Kleen Leen maintains purebred breeder herds as a source of raw material and new genetics for our independent breeders, who use these purebreds to produce crossbred gilts and boars. The performance of the purebred herds increases every year, and will continue to improve over time."

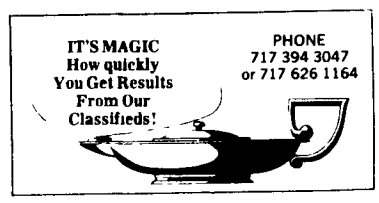
Wilson said that regardless of the timetable a producer sets for improving his operation, "improvement in the basic genetic stock of a herd is a must for all hog farms. The genetic makeup of a herd is a potential source of productivity improvements that, in the long run, no producer can afford to overlook." He concluded

Garden recognized

DOYLESTOWN — The landscaped gardens surrounding David E. Benner's home have been featured in a publication titled "Gardens Architectural Digest" which was released in the Fall of 1983. This book features articles and full color photography on thirty-three (33) gardens from throughout the world considered to be unique in design and concept.

Benner's garden was listed under the title "A Wildflower Garden in Pennsylvania" with photographs and descriptions detailing the two acre garden surrounding his home in Center Bridge. The garden is unusual in that there are no lawn areas but features various varieties of moss as well as evergreen ground covers, wildflowers, shrubs and trees. The emphasis concerning this Pennsylvania garden is on the limited maintenance, as much of the garden is set in a natural environment.

David E. Benner is an Assistant Professor of Ornamental Horticulture at Delaware Valley College, Doylestown.



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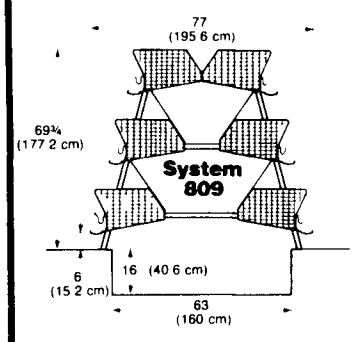

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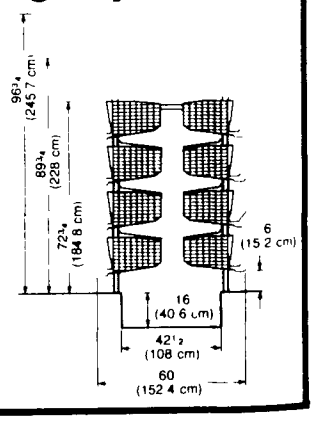

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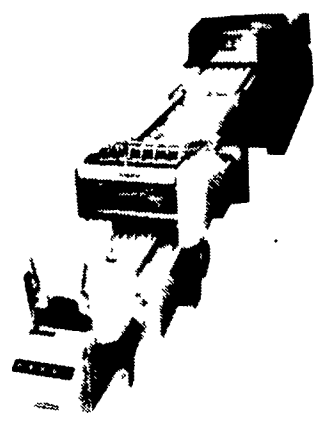

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Pay extra attention to weeds on PIK acres

LANCASTER — Careful consideration for the present year's infestations and remembering what weeds were found in your fields in the past are the best ways to fine-tune a herbicide program for the 1984 season, says Wayne Carlson, manager, product development for Mobay. Carlson feels this is especially important when determining your weed control program on PIK acres which will go back into production next year.

"First, determine what weed problems you have by field," he says. "They will probably be weeds you are familiar with." If identification of some weeds tends to be a problem, and their infestations are of a size for concern, contact your local dealer or extension specialist for help.

And don't ask only for the name of the species, find out if they could be a problem when the crop is planted. "The weeds that are the most abundant, are not necessarily the weeds that will be the most competitive in your crop. Weeds suppressed by a more competitive species may show up in a crop and flourish when others are controlled," he says.

"It is also important to review what weeds have been a problem in your fields in the past," Carlson says. Did your herbicide program last year control specific weeds? Did your crover crop sufficiently hold back the spread of those weeds? If not, don't drop those species as targets in your weed control program.

More importantly, be sure to consider if your PIK fields were heavily infested with weeds this year. High quantities of weed seed produced this year may contribute to heavy weed pressure in next year's crop and future crops. "Weed seeds can stay viable for many years, particularly some of the broadleaf weeds," Carlson says. "Grasses, as a rule, tend to persist in the soil for a shorter period than broadleaves, but they too can stay for several years in the soil.

"If there's a large reservoir of weed seed, then deep tillage might help turn some of the weed seeds under. If left close to, or on, the soil surface, many seeds could germinate next year and increase overall weed pressure," he says.

If you are expecting a large problem with weeds, the choice of which crop to plant may also be important to get the weed population under control. "Certain herbicides control weeds better than others," Carlson says. "By picking the crop where some of the better herbicides can be used for a particular weed problem, you may have better herbicide options to help control that infestation."

Where weed pressure is heavier, particularly among the hard-to-control weeds, growers can consider alternate application techniques to squeeze the most from their chosen weed materials. Soybean growers, for instance, will have an opportunity to try a Split-Shot application of Sengor herbicide, if they haven't before. "Split-Shot," Carlson says, "means applying Sencor as a preplant incorporated tank mix with a registered grass herbicide and then following with a low rate of Sencor as a pre-emergence application. This allows the use of maximum labeled rates of Sencor for the soil type and a greater consistency of control of persistent weeds."

Above all, consider 1983 and past weed infestations in determining your production plans for PIK acres. Consider tillage crop options next season for availability of the best weed control choices. Also, look at your soil type, choose the proper rate, choose correct tank mix partners, and decide on your crop two years from now if carryover comes into play.

"There are a lot of things to consider in the overall aspects of a herbicide program," Carlson says. "But the 1984 season should not be different from any other season. As always, your weed control program should be effective and economical.

"There are a lot more herbicides and application techniques becoming available for specific weed problems than there were in the past," he adds. "It's possible, with a good basic herbicide program and the right supplemental tools, to get a higher degree of weed control than we've ever had."

Pork Congress show expands

HARRISBURG — The Pennsylvania Pork Producers Council will hold its Annual Keystone Pork Congress on Feb. 16 at the Penn Harris Motor Inn, Harrisburg.

The Congress begins with registration and the Trade Show starting at 8 a.m. Early indications are that the Trade Show will be larger than in the past. It will continue until 4:00 p.m.

The program for producers will run from 10:00 to 12:00 a.m. and 1:30 p.m. to 4:00 p.m.

The Keystone Pork Congress Educational Program will feature a widely varied educational program. H. Louis Moore, Penn State Marketing Specialist, will give a market situation update for swine producers. Dan Meyer, Agricultural Engineer at Penn State, will discuss methods of improving the environment in swine facilities to improve pig performance and save on money cost.

Matt Parsons will do some pencil pushing with swine producers to look at the cost and benefits of management practices in hopes of helping producers identify areas in which they can improve their management. There will be a panel discussion by several Penn State researchers who have received support for research from the Pennsylvania Pork Producers Council or the National Pork Producers Council. These researchers will bring pork producers up-to-date on the findings of their research studies.

There will be a ladies program in the morning and afternoon. The Porkette Day will begin with a short business meeting at 10 a.m., followed by a ground pork demonstration by Francis Horst. Francis will be remembered by all who attended the 1983 Congress as the person who did such a marvelous job with the Wok demonstration.

In the afternoon, Pam Kladr of the CMB will show slides and tell about the big pork promotion held throughout Southeastern Pennsylvania this past October.

Another special treat of the day will be a candlewicking workshop. Marlene Bomgardner will demonstrate the technique, and everyone will be invited to try their hand at the craft.

This year, a drawing has been added to benefit the Porkette Fellowship Fund.

The banquet will be held at the Penn Harris Motel Inn at 6:30 p.m. It will feature the annual awards of the Pork All American and the Outstanding Youths of the state in the swine area. The speaker will

(Turn to Page D10)

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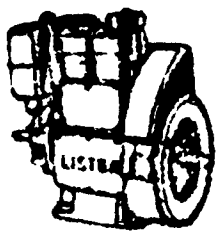

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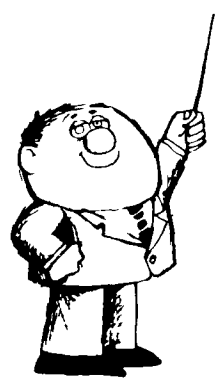

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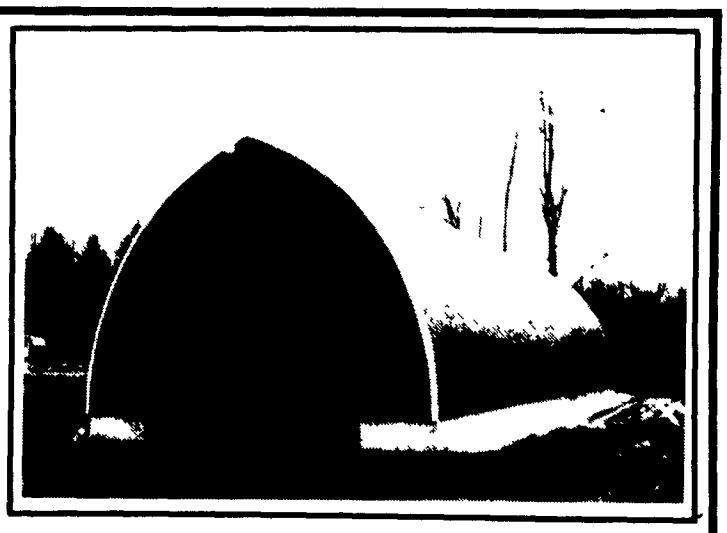

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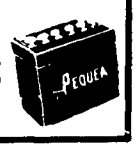

Pesticides - How safe are they?

NEWARK, Del. — The increased use of pesticides has been accompanied by an increased concern over their danger to users, their effect on food, and the impact on the environment. But just what are these chemicals that everyone's talking about?

The term "pesticide" covers a wide range of materials intended to control organisms which are considered pests–acaracides for mites, fungicides for fungus diseases, insecticides for insects, herbicides for weeds, moluscicides for snails and slugs, nematicides for nematodes, and rodenticides for rodents. Some everyday products such as disinfectants (bateriacides and viruscides) also belong to this group. (The suffix cide means kill.)

Because pesticides usually are designed to control pests by killing them, they pose some danger to humans as well. Even those that are nontoxic to humans may irritate the skin, eyes, nose or mouth, says University of Delaware extension entomologist Mark Graustein.

Pesticides can enter the body three ways: through the mouth, through the skin, or by inhalation.

Oral entry often occurs when the user eats or smokes while using pesticides. But tragic accidents have happened when pesticides were improperly stored in food containers, then swallowed by a child or some other unsuspecting person.

Dermal (through the skin) entry occurs when sprays or dusts come in contact with the skin during mixing or application. Most likely contact points are the backs of the hands, neck and wrists, the armpits, the groin or the feet, Graustein says. Pesticides are rapidly absorbed when they come in contact with mucous membranes such as those in the eyes and nose.

Pesticides may be toxic from a single exposure (acute) or over a period of time with repeated exposures (chronic). Scientists express the degree of relative hazard in terms of "acute oral" and sometimes "acute dermal" toxicity. Since humans can't be used as test animals, determining toxicity is difficult, so mice, rats or rabbits are used instead.

The level of toxicity of each pesticide is expressed in terms of an LD 50 number. LD (lethal dose) refers to the concentration of pesticide in milligrams (about .0004 oz.) per kilogram (2.2 lb.) or parts per million of body weight that would immobilize or kill 50 percent of the test animals. The lower the LD 50 value, the more toxic the material, says Graustein.

The label on a pesticide container usually expresses the degree of toxicity of the product with such signal words as DANGER, WARNING or CAUTION.

Highly toxic pesticides carry a skull and crossbones on the label, along with the signal word DANGER, and have an acute oral LD 50 value of 0 to 50 mg/kg. For the average person, a toxic amount of the active ingredient would be a few drops to a teaspoon.

Moderately toxic pesticides carry the signal word WARNING, and have an ID 50 value of 50 to 500 mg/kg. A toxic amount of the active ingredient would be one teaspoon to one ounce.

Slightly toxic pesticides carry the signal word CAUTION, and have an LD 50 value of 500 to 5,000. For the average person, a toxic amount of the active ingredient would be one pint or one pound.

Relatively nontoxic pesticides carry no signal word and have an LD 50 value of 5,000 mg/kg or greater. A toxic amount of the active ingredient would be greater than one point or one pound.

All pesticides with DANGER on the label, most with WARNING, and some with CAUTION are restricted by law and may be applied only by certified applicators.

Anyone who uses a pesticide should read the label carefully to determine toxicity, then closely follow directions for application in order to minimize exposure, Graustein says.

Loan rate unchanged

WASHINGTON, D.C. — Commodity and farm storage loans disbursed in December by the U.S. Department of Agriculture's Commodity Credit Corporation will have a 9-7/8 percent interest rate, according to CCC Executive Vice President Everett Rank.

The rate for this month is the same in effect during November and reflects the interest rate charged CCC by the U.S. Treasury in December, Rank said.

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Pork Congress

(Continued from Page D9)

be Walt Buescher, who has more than three decades in the farm equipment business. He will discuss some of the major contributions being made to the American way of life by agriculture. His visit is sponsored by Sperry New Holland.

Pre-registration is $3.00; registration at the door is $4.00 and the banquet ticket is $12.50.

Make checks payable to Keystone Pork Congress. The banquet tickets must be purchased by Feb. 9. Send reservations and banquet reservations to: David A. Reinecker, Box 345, York Springs, Pa. 17372.

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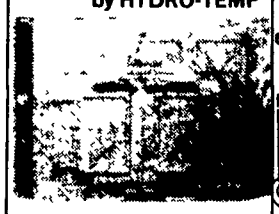

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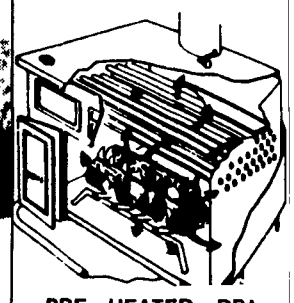

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Blair County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

Report For October
Twenty High Herds

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Thomas W Kelly	64 4	88 7	19,437	718
Marcove Farm	67 5	84 0	19,329	711
Richard R Fox&Sons	42 5	85 0	18,463	702
Blackcrest Farms	67 7	87 2	18,399	689
Clover Will Farms	141 5	87 9	18,998	685
Fred Bechtel	72 2	88 6	19,236	684
Penn-England	90 0	88 4	18,072	683
Sheldon Fleck	73 2	87 6	17,715	678
GW&RG Baker	70 9	90.8	18,654	677
James Smith	38 2	93 0	19,591	676
Over Lane Farms	69 2	90 0	18,132	674
Dale W Hoover	35 0	89 7	18,356	671
William R England	156 7	87 9	19,166	667
Richard Heltzel	36 4	87 9	18,118	664
Dawn Baker	104 7	87 0	18,412	663
Lar Ann Farm	114 1	86 0	18,026	662
Charles&Mike Hoover	96 8	86 3	18,393	660
Mary Walters	66 6	89 1	15,211	658
Raymond Diebold	35 3	89 0	18,741	657
Burket Falls Farm	84 2	90 0	17,490	656

High Cow

The high cow for the month is a registered Holstein in the Larry Kulp herd Betsy, at 6 years 4 months, produced 23,152 pounds of milk and 1044 pounds of butterfat Congratulations! Please note 2 other 1000+ fat records

OWNER NAME OR NO.		AGE	LBS. MILK	% FAT	LBS. FAT
GW&RG Baker					
211	GH	5-3	29,585	3 1	929
Smith Hollow Farms					
159	GH	4-9	22,236	3 9	857
Joe McCutcheon					
Meg	GH	8-1	21,517	3 9	849
Y 49	GH	6-3	20,332	3 8	782
Rich Lou Farms					
Patty	RH	3-7	19,657	4 0	796
Dale W Hoover					
Janet	RH	4-2	20,497	3 7	763
Clover Will Farms					
347	RH	6-6	20,290	4 3	877
12B	RH	4-11	26,871	3 8	1026
60B	GH	4-2	24,072	3 4	821
43C	RH	3-1	20,760	3 7	777
6C	RH	3 7	26,348	3 3	872
Harold Yingling					
120Sue	GH	4-3	23,405	3 2	756
Oswald Bros					
Belle6	RH	5-3	21,904	3 5	773
Karen27	RH	5-4	21,657	3 7	804
Marcove Farm					
Joy	RH	5-1	20,655	4 3	882
Angel	RH	3-4	20,924	3 6	759
Ruth	RH	4-0	21,998	4 4	974
Anita2	RH	3-11	18,739	4 2	790
Missy	RH	2-11	22,874	3 7	835
Burket Falls Farm					
556	RH	9 3	16,933	4 5	758
Fred Bechtel					
Whitie	GH	5-0	19,010	4 2	807
Blackcrest Farms					
39	RH	5-10	26,289	3 2	848
Sheldon Fleck					
Judy	GH	8-3	24,840	3 9	962
Richard R Fox&Sons					
Sarah	RH	5-6	21,485	3 5	754
Leonard Burket					
11	RH	8-4	26,621	3 1	815
34	RH	7-2	21,302	3 7	779
Jay Metzker					
Kitty	GH	5-4	18,376	4 3	789
William R England					
Gem	RH	7-0	25,350	3 7	928
59C	GH	5-2	22,790	3 3	756
21D	GH	4-2	19,433	4 0	771
Donald G Hoover					
Eve	RH	7-5	20,571	4 4	905
208	RH	4-2	24,108	3 4	813
Dawn Baker					
225	RH	8-4	25,063	3 5	869
325	RH	5-8	24,225	3 8	923
372	GH	4-4	19,259	3 9	757
390	GH	4-4	21,110	3 7	783
414	RH	3-7	20,337	3 8	780
Rodney L Metzler					
74	GH	7-5	18,471	4 7	868
69	GH	6-0	18,562	4 2	785
Lar Ann Farm					
Ballet	RH	10-3	24,123	3 2	762
Betsy	RH	6-4	23,152	4 5	1044
Linda	RH	6-0	23,584	4 3	1009
Rhoda	GH	3-5	20,245	4 5	903
Stardust	RH	4-7	21,843	4 1	891
Jerry&Sandy Young					
20	GH	3-3	19,725	3 8	755
Thomas W Kelly					
Jo	RH	9-6	24,522	3 4	827
Sadie	RH	8-3	24,325	3 3	801
Meg	RH	7-6	23,316	3 8	880
Jean	RH	5-3	20,942	3 9	808
Richard Heltzel					
Lottie	RH	5-1	22,172	3 7	812
Libby	RH	3-11	23,343	3 6	840
Arlene	RH	2-11	17,350	4 4	760
Penn-England					
Kristy	RH	6-5	21,845	3 6	790
Fanny		5-8	22,237	3 9	875
Garland	RH	5-3	21,986	4 1	891
Byron&Randy Huntsman					
53	GH	4-11	20,541	3 8	777
Clair S Hursh					
22	RH	5-11	18,398	4 1	757
31	GH	4-11	20,450	3 8	779

Tioga Co. DHIA Report

Pennsylvania Dairy Herd Improvement Association

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Harold Robson Jr	RH	54 1	91 2	21,489	753
L&J Holsteins	RH	38 2	89 4	19,298	746
Glenn Bowen	RH	38 4	88 2	19,382	741
P&Em Machmer	R&GrH	25 6	87 7	18,372	707
Simalot Holsteins	R&GrH	40.9	88 3	19,918	704
Richard Groover	RH	40 7	85 3	18,786	696
Verne W Bowen	RH	40 6	87 7	18,904	689
Thomas Groover	R&GrH	27 0	87 2	18,520	688
Char&Dor Porter	R&GrH	43 4	88 0	19,305	688
Jay Foreman	RH	75 2	87 7	17,458	679
Stephen E Bolt	R&GrH	69 3	86 3	19,222	679
Leemont E Gaugler	RH	35 8	86 2	17,944	676
MIC Realty	RH	52 8	88 6	17,913	669
Larry&Mary Herman	RH	47 6	85 6	18,096	667
Christ Gaugler	RH	33 9	87 7	18,411	667
Theodore Schmelzle	RH	49 5	85 9	18,399	661
Dean Baity	RH	54 6	87 0	17,402	658
Robert Shanley	RH	66 7	87 2	17,064	658
Douglas W Lawton	RH	62 3	86 9	17,843	657

Cows that produced 750 lbs of butterfat or more in 305 days in October 1983 in the Tioga County D H I A

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
L&J Holsteins					
Penny	5-10	305	23,822	4 6	1094
Lindy	7 2	305	24,108	4 4	1063
MIC Realty					
Capri	8-6	305	27,005	3 8	1025
Mae	4-0	305	19,147	5 0	963
Crystal	6-3	305	18,783	4 5	854
Bernard G Courtney					
70Brth	8-9	305	29,244	3 4	1008
57Paul	5-0	305	27,987	3 3	911
113Sylv	3-5	305	24,778	3 3	823
69Pala	9-8	305	22,988	3 5	806
60Cndy	7-5	305	22,447	3.6	806
106Kasy	4-10	305	23,634	3 4	799
90Judy	7-1	296	22,810	3 3	759
Dean Baity					
Lady	4-9	305	23,930	3 9	940
Madlyn	6-4	281	18,397	4 1	758
Paul&Emma Machmer					
#12	4-10	305	21,229	4 4	935
#14	4-10	280	19,035	4 2	796
Douglas W Lawton					
#348	5-6	305	21,656	4 3	933
#352	5-1	305	20,336	3 9	788
Wm&Wendy Sturges					
Ideal	6-6	305	27,899	3 2	890
Stephen Bolt					
Mary	11-8	305	26,852	3.2	866
Della	4-8	305	21,993	3.6	797
Neil&Karen Fisher					
Sam	3-11	305	22,011	3 8	843
Priscil	5-8	305	22,588	3 5	789
Sniffer	6-1	305	22,087	3 4	755
Joseph R Sherman					
#46	5-5	305	20,066	4 2	839
Richard Chamberlain					
Sabe	6-11	305	20,083	4 0	811
Theodore Schmelzle					
Jolene	5-0	305	24,240	3 3	810
Bertie	4-2	305	23,541	3 4	810
Freda	3-3	305	22,223	3 4	752
Vernard Watkins					
Nig	5-0	305	20,759	3 9	810
Richard Groover					
Moe	6-2	305	21,109	3 8	805
Sally	2-1	305	21,540	3 5	763
Danny E Stevenson					
Peaches	6-10	305	19,889	4 0	804
#2	5-5	305	20,698	3 7	771
#8	10-9	279	17,729	4 3	768
Erwin&Dianne Spencer					
Vation	6-7	305	19,930	4 0	800
Paul Oakley					
Squirt	0-0	305	19,816	4 0	796
David Weaver					
Fobes	8-3	305	19,396	4 1	793
Roland&Joan Kehres					
Diane60	7-8	305	21,809	3 6	782
Larry&Mary Herman					
Fern	5-1	298	20,307	3 8	777
Walter Sherman					
#32	6-10	305	20,183	3 8	765
Dale&Barb Machmer					
Image2	6-7	305	20,998	3 6	763
Charles&Doris Porter					
Mabel	9-8	305	22,080	3 4	761
Galen&Dale Jackson					
Lady	6-2	305	18,844	4 0	757
Verne W Bowen					
Cora	5-3	305	20,751	3 6	754

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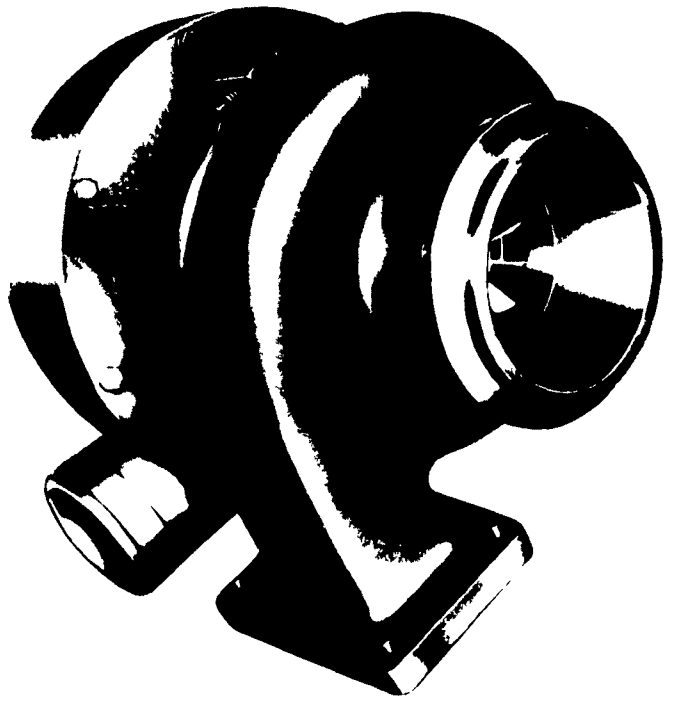

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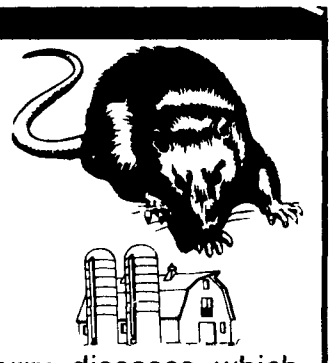

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Tax Planning - Final

In the past three weeks we have been discussing tax planning for 1983. Now let us look at some of the things you can do for 1983 taxes and for 1984.

Estimated Tax Return

If you file an estimated tax return by January 15th of 1984, you could postpone the due date on your tax return until April 15th. (At present it is March 1st if you are a full-time farmer). Why do this? Under many circumstances there may be no reason to postpone it. However, there can be advantages:

1. You have more income for 1983 than you did in 1982. If you file a tax estimate by January 15th and pay 100% of the amount of tax paid in 1982, you could postpone paying that additional tax for six weeks (longer than usual). That may put you in a better cash flow position.

2. If you are real busy early in the year and may have more time later, postponing may fit your time schedule better.

3. If someone else does your taxes, he or she may like to spread tax return preparation time out over a longer period of time.

4. If you have a lot of investments, the postponement may assure you of receiving all of the 1099 reporting forms prior to tax filing.

Quarterly Estimates

Non farmers with income where there was insufficient withholding must file a quarterly estimated tax. Farmers can do this. It gives the same effect as the January 15th estimate - postpones final filing date to April 15th.

Generally I do not suggest this to farmers because they don't have to file quarterly. If they can discipline themselves to put the money into a personal "tax" account, they could earn interest on it. Then they could use the money to pay the January 15th estimate or file in the before March 1st period.

Personal "Tax" Account

This is an excellent thing for farm families to have. Figure out the amount of total tax paid in previous year, then divide by ten. Put that amount in the personal "tax" account every month. I use a money market fund to get the best returns and have it liquid for when I need it. By total tax, I mean federal, state, and local income tax, plus social security self-employment tax.

1984 Self Employment Social Security

This will rise to 14% in 1984. That will be the same as the total of employer-employee social security tax. It will also mean that your social security may exceed all of your own taxes put together.

Dairy producers informed

SYRACUSE — Dairy producers learned more about their milk promotion program during a series of 19 District Annual Meetings of the American Dairy Association and Dairy Council. The meetings were held throughout New York and parts of New Jersey and Pennsylvania over the past two months.

Representatives from the ADA/DC staff presented an overview of the 1983 milk promotion program. Producers were also given a preview of ADA-DC's 1984 promotion plan, including the brand new advertising themeline, "Milk's Got More."

The presentations included the accomplishments of the various components that comprise ADA-DC's marketing cycle. The areas discussed included Dairy Council, Foodservice, Consumer-Industry Relations, Food Publicity and Retail and County Promotions. Research was presented to support milk promotion and advertising efforts.

The purpose of the district annual meetings is to inform dairy producers of the milk promotion program which is supported by their funds and under their direction.

For further information regarding the district meeting contact ADA/DC at HOT-MILK.

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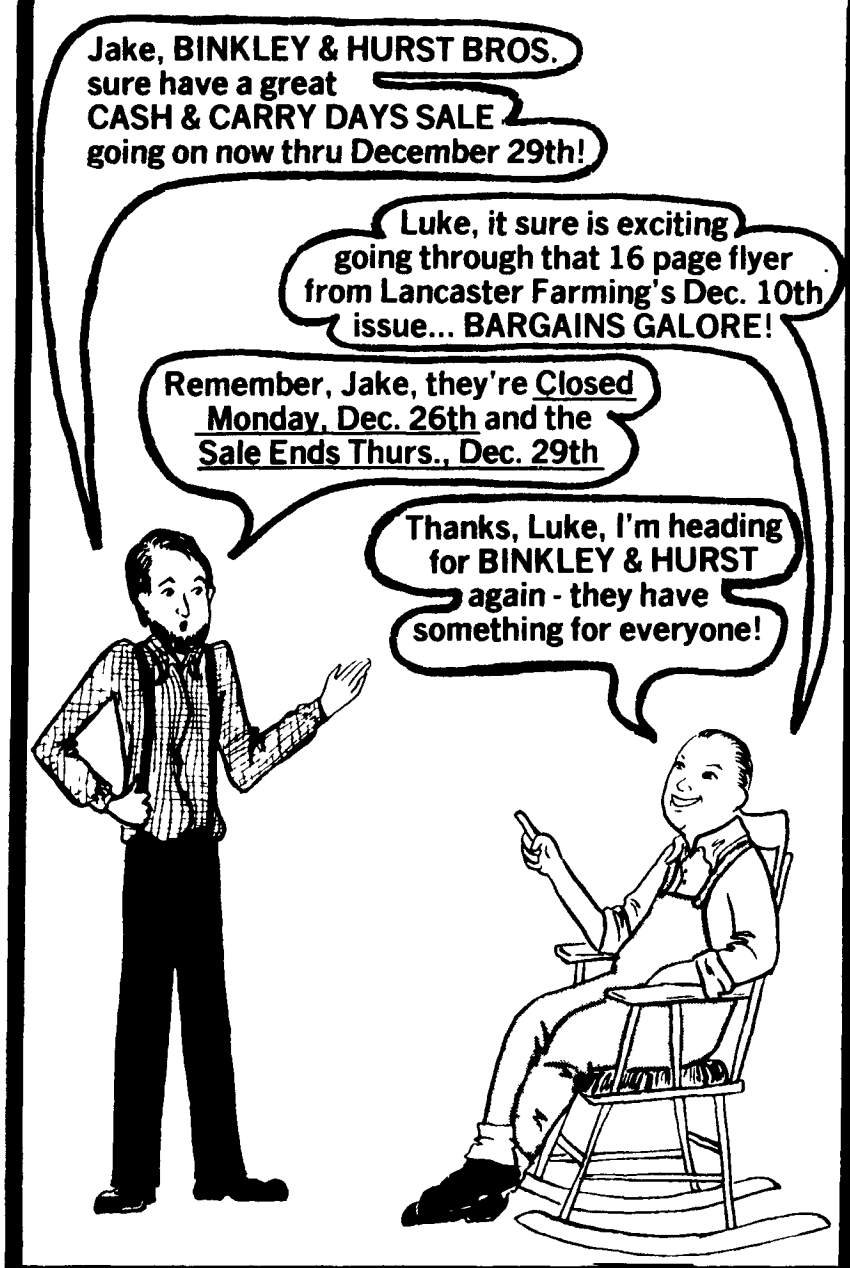
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Luke, it sure is exciting going through that 16 page flyer from Lancaster Farming's Dec. 10th issue... BARGAINS GALORE!
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Thanks, Luke, I'm heading for BINKLEY & HURST again - they have something for everyone!

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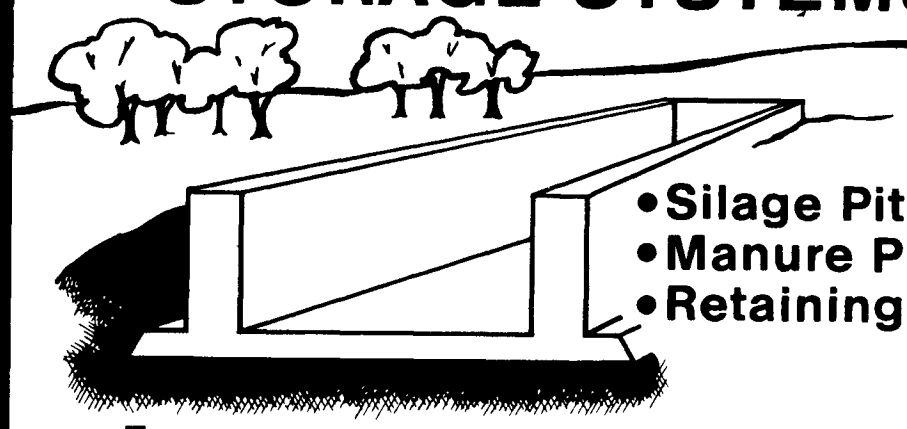

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Consider animal waste problems

LEESPORT — Winter time is a time for planning next year's operation for many farmers, says Roy Shryock, Conservation technician for the Soil Conservation Service and animal waste problems should be considered in this planning.

The drought of last summer and the late fall wetness emphasizes the need for better management, Shryock says. Waste management consists of many segments such as manure itself, milkhouse and parlor water, barnyard runoff, and surface water control.

Pollution of our streams and subsurface water supplies have made headlines recently, Shryock says, and action needs to be taken to curb this problem.

Manure can be handled in many ways. Earth holding ponds, earth holding ponds with concrete bottoms and ramps, holding tanks, concrete or steel - above or below ground are common ways of storage. Barnyard runoff should be incorporated into one of these structures or a separate lagoon to keep pollutants out of streams and watercourses. Surface water above farmsteads, roof water and springs should be diverted out of areas by diversions, waterways or tile.

Manure from these various systems should be tested to insure a proper balance of nutrients can be supplied to the soil for a proper balance of plant food.

Mismanagement of providing the proper balance can cause reduced yields, stunted growth of plants and reduce the quality of feed. "Proper incorporating into the soil is very important - time log of plowing under, chiseling or disking allows great losses to nutrients especially nitrogen", Shryock adds.

The Soil Conservation personnel will look at these problems and give recommendations as to proper ways to manage these problems. Contact their office located in the Berks County Agricultural Center in Bern Township.

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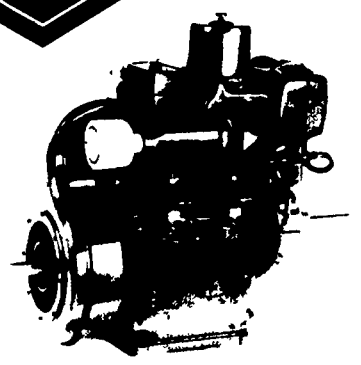

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DEALER INQUIRIES INVITED

Farm Talk

by

Jerry Webb

Delaware Extension

One way to attract some attention to the farmer's problem is to sell produce to the consumer at the same price that farmers normally receive for their crops. That's exactly what they're doing in California in a great big two-day farmer's market.

Information about this farm-city extravaganza comes from Leavitt White, a retired DuPont Company public relations man. He's been involved for years with various kinds of farm-city projects and has served as chairman of the National Farm-City Publicity and Public Relations Committee.

This special two-day farmer's market is held each year in August in the Cow Palace in San Franciso. It was first staged in 1981 and drew more than 20,000 people. Planners feel it provides an excellent meeting ground for farmers and consumers where they can create a little goodwill and some clear understandings of some of their mutual problems.

Farmers and their wives bring more than 1,000 tons of fresh produce and other agricultural items to the market and price them at what they normally receive at the farm. In other words, if a farmer gets 50 cents a dozen for eggs at the farm, that's what they bring at the farmer's market during those two days. The same philosophy is followed for a whole range of agricultural goods produced in the nation's number one agricultural state.

Obviously, consumers get some good buys and maybe they also realize that the seemingly high cost of feed is not the farmer's fault. There's no more graphic way to point out to consumers the farmer's share of the food dollar than to sell farm products for the farm share.

That kind of marketing has its limitations since there aren't many urbanites ready to buy a steer, a pig, or a bushel of corn in hopes of taking it home and fixing the evening meal. But in California, there are literally hundreds of fresh farm products that can be consumed directly and are no doubt purchased at bargain prices.

Is this an idea that could be borrowed locally? Why couldn't the Delaware Council of Farm Organizations, or some other statewide group, get behind such an effort? Why not stage it on the Market Street Mall in Wilmington, draw on some of the agriculturally-oriented companies to provide promotion, and have a great big farmer's market, where local farm products could be sold directly to consumers at bargain prices.

Add to that some educational exhibits and handouts that drive home the point—that the farmer's share of the food dollar is small and getting much smaller. That the American consumer is the best fed consumer in the world at the smallest relative cost and that our agricultural abundance, both locally and nationally, is a blessing, even though at times it seems a little costly.

What better place to tell agriculture's story—right there in a farmer's market where food buyers are bagging up fresh roasting ears of corn and beautiful ripe tomatoes at prices well below what they would expect to pay.

Such an event would take some time to plan. It will also take a few folks that are really willing to work to get it organized, but I believe there would be ample support from agribusiness and from farmers themselves. There might also be some civic and farm organization support.

Some people say better farm-city understanding is a waste of time and energy. After all, what difference does it make? Consumers are looking for cheap food, the government maintains a philosophy that provides cheap food, and the farmer takes it on the chin. Well that's the farmer's point of view. Listen to consumers and you know some of them feel like they're being ripped off in the supermarkets. And in many cases, they think the farmer has got a pretty good deal.

Somewhere between those two positions there must be room for understanding. Maybe that understanding won't be putting money in a hardpressed farmer's pocket, but in the long run it's bound to help. Laws and regulations that affect farmers are passed by consumers, and understanding consumers will make better laws. Understanding consumers will also make farmers feel better about what they're doing even if they're not making as much money as they'd like.

Any number of surveys of farmers themselves reveals that one of their top priorities is a better understanding from their city cousins about agriculture and how it works. If farmers themselves say that, it must be fairly important.

Prepare for Your Christmas Tree

LANCASTER — If you plan to buy a live tree this year, don't wait until the last minute to prepare the hole. By the time you're ready to plant after Christmas, the ground may be frozen solid.

Pine, hemlocks and spruce are traditional choices for Christmas. Look these up in your gardening encyclopedia because there are considerable differences among their growing characteristics. Then, shop around at local garden centers and nurseries.

Once you've decided what kind of tree to plant and where you want it to go, dig the hole now while the weather is reasonably mild. Remove the backfill soil, place in cardboard boxes or plastic lawn bags and store in a frost-free location so it will be workable after Christmas. A garage or a back porch, if protected from freezing winds, will do nicely.

While you're outside, lightly prune narrow-leaf evergreens such as Japanese yew, Juniper and Arborvitae to decorate your home. Prune just enough to adjust the shape and remove unwanted feathery branches that grew over the summer. Leave heavy pruning until early next spring before plants go into active growth. Put cuttings with Christmas flowers in arrangements by themselves or tied together as a rope or wreath. They're not only festive, but free and fresh as well.

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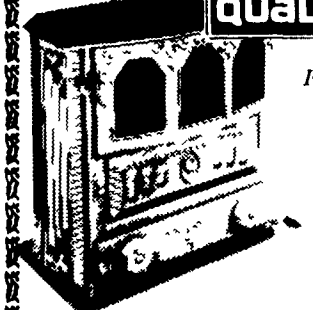

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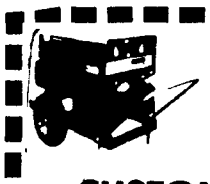

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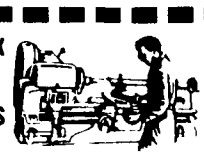

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TRUSSES

Hall tops Lycoming DHIA

MONTOURSVILLE — For the tenth year in a row, Eugene W Hall, Muncy has won the Lycoming County Dairy Herd Improvement Association award for the highest herd average in the county. His 64 Holsteins averaged 818 pounds butterfat and 20,585 pounds milk per cow in the past testing year. The award was presented at the 58th Annual Meeting of the Association, held Nov 15 at the Bethel United Methodist Church, Montoursville.

The highest-producing cows in the county were. milk, "B-141" owned by Marshall Brothers, Roaring Branch, producing 31,314 lbs. of milk; and for butterfat, "Olive" also owned by Marshall Brothers, producing 1,639 lbs of fat.

Rodger & Owen Swartz, Muncy R2, won the award for the greatest herd increase in butterfat in the county. His 59 Holsteins averaged 574 pounds fat, an increase of 130 lbs over the previous year. The herd averaged 15,335 lbs. milk per cow.

Other county herds averaging 600 pounds of fat or better were recognized, as follows. The first figure represents fat production, the second milk production, and the last is the average number of cows in the herd. All cows are Holsteins

Owner	FAT	MILK	COWS
Richard Barto, Montgomery	728	19,361	47
John Snyder, Muncy	694	17,649	40
Marshall Bros Inc., Roaring Branch	689	16,141	113
Mont-Will Farms, Montoursville	689	17,961	40
Samuel&Larry Fry, Muncy	680	18,921	120
Schon-Crest Farms, Williamsport	664	18,647	41
Benjamin E. McCarty, Hughesville	658	16,773	29
Franklin J. Finck, Montgomery	656	17,064	82
Don&Scott Lepley, Cogan Station	654	18,059	35
Donald R&Wendy A. Kulp, Unityville	650	17,211	47
Willard M. Breisford, Williamsport	649	18,415	39
Lost Brook Farm, Montgomery	643	17,675	82
Harold&Anna Mae Bower, Hughesville	642	17,857	24
Marvin L. Waltz, Jersey Shore	627	17,088	44
Ritter-Ridge Farm, Muncy	627	17,993	100
Robert L Tome, Muncy	621	15,642	49
John C. Bower Jr., Montgomery	618	15,648	95
Aaron Ritter, Muncy	612	15,683	36
Vollman Dairy Farm, Trout Run	612	15,534	39
Schriner Farms, Williamsport	611	17,370	42

Future Farmers of America and 4-H members with cattle on test who received ribbons for production achievement were Paul E Bower, Hughesville, Beth Ann Cooley, Allenwood; Betsy L Hepburn, Montoursville, Burton and Eric Staman, Montgomery

Program included keynote speaker Phil Dukas, Pennsylvania DHIA Manager on "DHIA Tomorrow", Jay Wilson, Area DHIA Fieldman, and Lycoming County Dairy Princess Linda Berger, Muncy

Franklin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October Report
Rolling Herd Averages
Above 650 lbs. Butterfat

NAME	BRD	NO. COWS	LBS. MILK	LBS. FAT
R V.&S.V. Hollenshead	B3	33	21,343	755
Oakleigh Farm	3	105	19,658	755
Clinton Stahl	B3	52	21,029	734
Wayne A Hall	3	37	19,491	714
Wayne L Beidel	3	56	18,715	696
Richard Harshman&Son	3	70	18,967	695
Dennis W Bricker	B3	35	19,161	694
Ray Wingert	3	52	17,770	694
J Eldon Crider	3	45	18,350	692
H Lester Oyler Est	3	75	18,452	691
Burk-Lea Farms	3	128	20,086	687
JC Young Jr&Son	3	59	18,426	685
John A Witmer	B3	37	19,164	684
Rebeken Farm	B3	94	18,531	683
Edwin R Eby	B3	57	18,315	682
Harold Goshorn	G3	71	17,610	682
George Skelly	3	70	18,246	680
Kenneth E Oliver	3	28	17,427	675
Mark W Myers	3	85	17,821	675
Lester&Alvin Meyers	3	54	17,778	672
Lawrence Lehman	B3	64	17,476	670
RV&SV Hollenshead,#2	B3	60	19,009	669
Twin-Maple Farms	B3	41	17,319	667
Carl O Stuff	B3	46	19,841	666
Ray R Kane	3	31	16,750	664
Preston M Frey	B3	32	17,942	661
Culbertson Green Farm	B3	104	18,428	661
Gaymere Farms	3	178	17,424	661
Lester D Fortna	3	37	17,916	660
Mark Adams&Sons	3	44	18,163	659
William E Swailes	B3	77	18,366	659
Keeners Dairy	B3	116	15,940	658
Kenneth L Caufman	B3	37	16,792	656
Roger Beck	B3	61	17,208	652
Fred E&Dale Rice	B3	167	18,484	650

Listed below are completed lactations of 850 lbs of butterfat or over

OWNER NAME OR NO.	BRD	AGE CALVING	DAYS IN MILK	MILK LBS.		FAT LBS.
J Eldon Crider						
Virtue	RH	5-10	305	25,704	3 9	1015
H Lester Oyler Est						
Gina-29	RH	4-5	305	23,548	3 9	915
Kenneth E Oliver						
Sammi	RH	4-4	305	23,363	3 9	913
Ray Wingert						
3	RH	6-1	296	21,486	4 2	910
Joseph S Middour						
Terri	GH	7-4	305	17,596	5.1	902
Ray Wingert						
39	RH	4-4	305	25,921	3.4	890
Carl E Pugh&Son						
Loretta	GH	4-3	305	22,017	4 0	875
Ray Wingert						
20	RH	5-3	305	23,153	3.8	873
Raymere Farms						
170	RH	4-1	305	23,504	3 7	872
Criderdale Farm						
Gigi	RH	5-6	305	23,796	3 7	869
George Skelly						
Idol	RH	8-1	305	20,209	4 3	868
Lester&Alvin Meyers						
152	RH	8-3	305	23,311	3 7	862
James C Witter						
Lois	RH	5-9	305	20,783	4 1	852

Wayne Co. Farm Show Bus

Wayne County Cooperative Extension Service is sponsoring a bus trip to the Pa. Farm Show in Harrisburg on Tuesday, January 10, 1984. The bus will leave the Courthouse at 8:00 a.m. The bus will leave the Farm Show Building at 5:00 p.m. Cost per person is $11. Deadline for your money and reservation is January 3 unless the bus fills sooner.

If you have questions please call the Extension Office at 717-253-5970 ext. 114. Get your reservations in early.

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Rothrock tops Berks Co. DHIA

BY ROBIN PHILLIPS
Staff Correspondent

ROBESONIA — Rothrock Golden Holsteins topped 201 Berks County herds to take the top milk award at the Berks County DHIA Annual Awards banquet at the Conrad Weiser High School last Friday evening. Owned by Bruce Rothrock, R1, Kempton, this collection of 44 top quality Holsteins pumped out a yearly average of 21,609 pounds of milk and 752 pounds of fat. With this average they also garnered the top award for protein with a 702 pound average.

Second place in milk production but taking the top honors in fat production with 21,373 pounds milk and 825 pounds fat, were the 68 Holsteins of Charles and Tim Kissling, R1, Robesonia.

Plushanski Farms, Inc., R3, Kutztown, with 118 Holsteins, came in second place in fat production and protein production. The Plushanski herd achieved a production record of 21,215 pounds of milk, 738 pounds of fat and 690 pounds of protein.

Plushanski's cows did, however, rank first in awards for individual production. "Orange", owned by Charles Plushanski, pumped out 28,252 pounds milk, and 1231 pounds fat in 305 days at nine years, three months of age to give her the top individual fat record. Plushanski also owns "Rita", the highest Holstein for protein production in 1983 with 976 pounds. "Felicia" a five year old owned by Steve Janos, R1, Mohrsville, took highest milk honors with 32,500 pounds milk.

The herd of F.M.Browns Sons topped the awards for the individual High Lifetime Milk. Cow #61 in 4029 days produced 259,424 pounds milk. Cow 61 also won High Lifetime Fat with 8,965 pounds fat.

All the Ayrshire awards were gathered by the 25 Ayrshires of the Seidel's Heindel Farm, R1, Womelsdorf. Their cow, "Dawn" took the high awards in milk, fat, and protein. At five years five months, Dawn completed a 305 day record of 19,752 M, 851 F and 613 P.

In the Guernsey division, Carl Hollenbach, R1, Bernville, collected the awards for top milk and fat production. "Pillar" at three years, four month, in 305 days milked 16,763 pounds. "Bianca" at five years, six months, in 305 days had 785 pounds fat to earn these awards for Hollenbach. High Guernsey for protein production belongs to Roy Stoltzfus, R2, Douglassville, with 558 pounds of protein.

High Jerseys in milk, fat and protein belonged to the Robert C. Dreisbach farm, R3, Hamburg. A 13 year old, "Dixie", pumped out 18,941 pounds of milk and 707 pounds protein for the highest in these two categories. Cow #490 at three years 11 months of age, pumped out 874 pounds of butterfat to take this award.

Brown Swiss awards were dominated by the cows of Richard Hoffman, R1, Bernville, who took the awards in the milk, fat, and protein divisions.

Sam Yoder's Milking Shorthorns took the milk, fat, and protein awards in their division.

The low somatic cell count award went to Mr. and Mrs. Ronald Knepp, R1, Mohrsville. The Knepps achieved a somatic cell count of 139,580, earning them the award. Second place went to Leonard G. Stolzfus, R2, Douglassville, with a count of 142,100.

Prior to the herd awards, the nine county supervisors received their yearly bonus checks. Also given this year were incentive checks for those supervisors with the least mistakes. Receiving these awards of merit were: Raymond Yaggie, JoAnn Moser, Carol Hartman, Robert Keppley, Donald Lutz, and Ted Kleinsmith.

New directors for each circuit were also elected with two circuits needing two positions filled. Newly elected directors are: Circuit 1 - Dave Bitler, Fleetwood; Circuit 2 - Kenneth Schlegel, Fleetwood; Circuit 3 - James Shaw, Oley; Circuit 4 - David Phillips, Mohrsville (2 years) and Clarence Kulp, Mohrsville, (1 Year); Circuit 5 - Ray Bicksler, Richland; Circuit 6 - Dennis Sattazahn, Womelsdorf, Circuit 7 - Glenn Howard, Oley; Circuit 8 - Carl Hollenbach, Bernville, (two years) and Richard Hoffman, (1 year); Circuit 9 - Robert Ketterer, Kempton.

It was reported that in Berks County, 53 percent of the cows are on test as compared to 48 percent in Pennsylvania and 45 percent nationally.

Yearbook of Agriculture published

WASHINGTON, D.C. — Using the natural resources of the United States wisely is a major challenge of the 1980's. Secretary of Agriculture John R. Block said in the 1983 Yearbook of Agriculture, just published. He said the new yearbook gives an idea of what's involved in that challenge, and how the nation can meet it.

"Our vast natural resources are a priceless heritage," Block said in the foreword. "Using them wisely is everyone's responsibility."

The 612-page hardback is titled "Using Our Natural Resources." It has 60 chapters, 32 pages of color photos and many other illustrations. The book has more than 185 black and white photos, a glossary and an index. Each yearbook of agriculture is on a different subject.

Chapter titles include:

"A Billion Acres of Rangeland: Our Nation's Multiple Use Lands"

"Livestock Predators and the Balance of Nature"

"Super Trees for the South's Pine Forests"

"Wetlands — A Vanishing Resource"

"Ever-Changing Network of our Streams, Rivers and Lakes"

"The Catfish Story: Farmers, State Services Create New Industry"

"The Risk Factor from Acid Rain: All the Answers are Still Not In"

"Outdoor Recreation on Public Lands: Opportunities for Everyone"

"Irrigating Better with Less Water: Small Watershed Success Story"

"Urban Area Greenbelts and Parks"

"Managing Soils For Your Garden and Homesite"

Copies of the 1983 yearbook are available for $7 each from the Superintendent of Documents, Washington, D.C. 20402. Copies will also be for sale at government bookstores in many cities. In addition, each member of Congress will have limited copies of the yearbook for public distribution.

USDA has no copies for sale or distribution.

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Bucks County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

October Report
Lactation Report - 750 Pounds and Over

OWNER NAME OR NUMBER	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
P&C Berger				
Julie	6-0	305	17,791	771
Walter&David Wurster				
Petula	7-0	305	26,231	945
Farrah	5-0	305	25,844	1030
Sabrina	4-3	305	21,028	794
Dixie	3-10	305	25,691	770
Robert Crouse				
Karla	5-5	305	23,792	939
Warren W Detweiler				
Lujob	4-9	305	19,249	752
Wilmer W Rush				
Thora	7-2	305	25,748	873
Roy Shull				
No. 315	5-7	305	20,357	815
P&J Hallowell				
Edom	4-8	305	21,992	776
Geyelle	3-4	305	19,433	759
Ken&Virginia Hager				
Kristine	7-3	305	19,372	768
Krista	3-3	305	22,263	952
Robert A Holland				
Lilly	6-9	305	18,613	821
Katydid	5-8	305	21,044	761
Robert R Gehman				
Jerri	7-4	305	19,754	770
Faythe	5-3	305	29,203	939
Freda	4-5	305	20,915	752
David R Walton				
Kerrie	5-0	287	24,302	949
David R Wolfinger				
Trina	7-10	297	20,902	755
Nicholas Bros				
No. 84	4-2	273	18,273	751
J Howard Roth				
No 23	3-3	305	24,713	881
Raymond Gross				
Petunia	2-2	305	19,648	804
George&David Bishop				
Dollie	8-0	305	21,824	811
Harold&Tim Haldeman				
Butter	7-0	305	20,917	764
Bishcroft Farm				
Janet	6-8	305	23,362	887
Carl Slack				
Kay	6-2	305	20,165	790
Vera	4-2	305	22,391	814

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Crooked Acres Dairy	3	58.8	86.7	19,616	725
J Howard Roth	3	34.6	87 9	20,390	724
David R Wolfinger	3	35 5	90.9	20,039	695
Breezyvale Farms	3	86 5	89 4	19,340	693
Wilmer W Rush	3	32 0	91 0	18,939	693
Richard O Smith	2	70 5	88.2	14,877	692
Walter&David Wurster	3	60 6	89 0	19,636	685
Theodore S Wilson	B3	69 3	87.2	19,131	680
Delaware Val College	3	38 4	83.8	18,609	674
Ken&Virginia Hager	B3	50.8	86.9	18,713	655
Carl Slack	3	49.7	88.8	17,842	652
Raymond Gross	3	44.4	89 3	18,099	650
Roy Shull	B3	196 3	86.7	17,571	650

CENTRE COUNTY DHIA
October Report

The high herd in the Centre Count D H I A. for October was Valley Wide Farm. The Valley Wide herd of 78 cows had a rolling herd average of 21,548 pounds of milk and 850 pounds of butterfat with 87 4 percent days in milk

Rolling Herd Averages

Richard Trinca	48	86.0	20,857	812
Joseph Hartle	73	86.5	21,394	796
Richard&James Graham	103	87 0	21,609	789
Lynn&Margaret Neer	74	88 7	20,834	782
L Thomas Musser	46	87 7	19,009	771
Jay Houser	57	88 2	21,392	769
Evan&Ricky Homan	60	86 3	20,820	766
Stringers Sand Ridge	66	85 9	18,977	757
Jesse&Mary Burkholder	43	87 3	21,133	736
John Ishler	66	88.7	18,864	717
James Houtz	52	85.7	19,160	714
Glenn&Robin Gorrell	43	87 0	18,368	713
Daniel&William Boob	73	87.9	18,519	711
Bruce Ulmer	57	89 8	19,536	709
Paul Vonada	56	89 1	18,033	709
Paul Hartle	38	85.0	18,914	706
Pond Dale Farms	75	87 4	18,785	706
Rodney Reese	99	88 4	18,980	700
Reesebrook Farms	119	85 7	18,124	697
Thomas Boldin	59	86 9	18,350	691
James&Susan Howes	49	85 2	18,095	691
Thomas&Sherry Craig	59	87 1	19,327	687
George&Ron Zimmerman	34	90 7	18,027	683
Dave&Cecelia Houser	53	86.9	17,802	673
Franklin Rossman	52	84 0	18,721	667
Gemi Feltenberger	57	86 6	17,874	660
L&R Hough	46	89 5	19,644	652

During the month there were 76 herds with 4,076 cows processed in the D.H.I A. program, according to Russell C Seward, County Agent. Production ranged from a high of 58.0 pounds of milk, testing 3.6 percent fat, to a low of 20 3 pounds of milk, testing 4.9 percent fat

In the owner-sampler program there were 14 herds with 540 cows being processed The herds ranged from a high of 50 1 pounds of milk, testing 3.3 percent fat, to a low of 28 5 pounds of milk, testing 3.7 percent fat

The ten high individual cow actual production records in D.H I A. produced on a two times a day milking in 305 days or less (unless otherwise indicated) were in the following herds.

L Thomas Musser	22,177	5.1	1130
Valley Wide Farm	25,377	4.1	1028
Peters Farm	19,843	5 2	1024
L Thomas Musser	22,656	4 5	1015
Valley Wide Farm	23,615	4 3	1007
L Thomas Musser	23,653	4 2	995
Jay Houser	24,325	4.0	972
Richard&James Graham	26,593	3 6	*946
George&Ron Zimmerman	26,114	3 5	918
Richard&James Graham	23,643	3 8	*909

* - denotes 3 times a day milking

NOTE ALL ANIMALS AND HERDS ARE HOLSTEIN UNLESS OTHERWISE NOTED

The high goat herd for the month was
Sinking Springs Farm 10 8 3 4

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* * * *

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Block outlines new conservation initiatives

WASHINGTON, Secretary of Agriculture John R. Block Dec. 8 announced new initiatives by the U.S. Department of Agriculture to encourage more farmers and ranchers to reduce soil erosion and improve natural resources.

Block combined the announcement with his introduction of the 1983 Yearbook of Agriculture, "Using our Natural Resources."

Block said he is making $20 million of Agricultural Conservation Program funds available for long-term conservation on highly erodible land in the 1984 acreage conservation reserve. To be eligible for consideration, farmers must be enrolled in a 1984 commodity program requiring an acreage reduction. The funds will be used to encourage the planting of grass or trees rather than crops on highly erodible land. The government's cost-share rate will be 90 percent.

"Our goal for this test program is to determine a producers' willingness to retire highly erodible land for five years if seeded to grass–and at least 10 years if planted to trees," Block said. "They can also be assured that acreage under the plan will be eligible for any acreage reduction plan through 1985.

"This project will provide us with information on the impact of combining short-term commodity program objectives with long-term conservation objectives. It will give USDA and the Congress an opportunity to evaluate the landowners' willingness to make a long-term commitment to retire highly erodible land.

"A continuing conservation effort must be built into agriculture's future, both in the government and in the private sector. We all have a responsibility. Also, the subject must be addressed in the 1985 farm bill! We must seriously examine the extent to which commodity and credit programs contribute to poor conservation practices by encouraging production on highly erodible land."

Block said he will also begin a pilot conservation project in the Palouse region of Oregon, Washington and Idaho. The Palouse region is a fertile wheat-growing area with some of the most erosive topsoil in the nation. The project will make certain acreage of perennial grassland and legumes eligible as conservation acreage under 1984 farm programs. Normally, such land would not be eligible if it failed to meet the requirement of being in grain production in two of the past three years.

"This requirement encouraged farmers to tear up the cover crop on erodible soil to prove a history of production," Block said. "The pilot project will allow them to leave grass or legumes on the land to prevent soil erosion."

Another initiative involves expanding to 45 states the targeting of Agricultural Stabilization and Conservation Service and the Soil Conservation Service assistance in 1984 to the more critical erosion and water-short areas.

"This has produced excellent results during two years of trials," Block said. "Targeting of technical and financial assistance in 31 states in 1983 resulted in 29 million additional tons of soil saved and conservation of 276,000 more acre-feet of water."

Block said plans are also being developed for two national conferences in 1984. One will be a discussion with conservation and farm organizations on conservation strategy for the 1985 farm bill. The second will be on conservation tillage technology co-sponsored by several national groups.

Block asked USDA field employees to participate in the special conservation effort. He said cooperation among USDA agencies on resource conservation must be a top priority for the coming year.

"This administration has organized the USDA agency leaders in every state and county into food and agriculture councils called FACs," Block said. "For the state and local FACs that are able to show distinguished achievements of major significance in this conservation campaign by next fall, I will reserve the highest honor that I as Secretary can bestow on our employees – the distinguished service award."

The new dairy bill, subject of meeting

A new dairy bill was recently signed into law. Dairymen now have some very important decisions to make, and many questions to be answered.

In an effort to explain the bill and its regulations and to help farmers make more informed decisions, the Lancaster County Extension Service has scheduled two meetings for Tuesday, December 20th at the Lancaster Farm and Home Center, one at 1:00 p.m. and the other at 8:00 p.m.

Will it be profitable for me to reduce my production? What restrictions will be placed upon the sale and disposition of cows and heifers — registered or grade? How and when do I apply, and what records do I need? What penalties will exist? What will happen to my milk base or to my future milk prices at the end of the 15 month contract? If processing plants can't get enough milk to operate efficiently, will I be assessed to cover plant losses? How will response to this bill, locally and nationally, affect future dairy bills — and the future of the dairy industry?

This is a sampling of some of the questions and concerns that will be addressed at the meetings.

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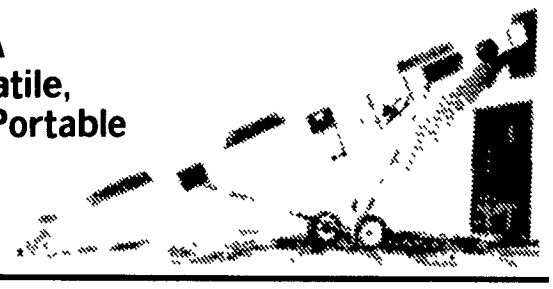

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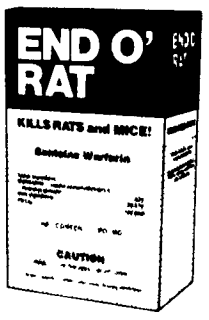

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Mixing, storage help keep magnesium stable

SAN ANTONIO, Tx. — Magnesium oxide may be used successfully in liquid feed suspensions if certain procedures are followed, according to Leonard J. Hill of Martin Marietta Chemicals, Hunt Valley, Md.

Speaking at the National Feed Ingredients Assn.'s annual convention here, Hill said it is possible "to mix nearly all liquid feed suspension formulation with a controlled magnesium oxide (MgO) for any purpose — free choice lick tanks, top dressing concentrates and roughages or mixing in complete feed rations."

To ensure the stability of such liquid suspension mixes with MgO, he recommended the following procedures:

•Conduct laboratory time studies on any new liquid feed suspension mixture, either in your own lab or in "experienced" supplier labs;

•Use equipment designed for mixing liquid feed suspensions;

•Add the various ingredients into the mixer in the proper order;

•Use liquid feed suspending aids such as zanthum gums, cellulose gums or clays;

•For best results, do not exceed five weeks' storage time for complete mixed liquid feeds, and

•Flush lick tanks or farm storage tanks periodically to prevent buildup of any sediment.

Those recommendations were the result of magnesium liquid feed research begun at Martin Marietta in 1977, Hill said.

Magnesium is an essential mineral in livestock nutrition; a deficiency leads to grass tetany. Magnesium oxide had been used in dry feed applications, but "a growing interest in adding MgO to liquid feed supplements to simplify and streamline feeding programs" prompted liquid feed research with MgO, Hill said.

Grades of MgO manufactured for dry feeds were unsuitabble for liquid feeds because the chemically reactive MgO products created a feed that was "too thick or would settle to the bottom of a free choice lick tank," Hill said. Through research, an MgO product that had a controlled reactivity was developed for liquid feeds.

A cooperatively funded study by Dr. Wayne Perry at Purdue University's department of animal science found that suspension-grade MgO was palatable in liquid feed supplements, Hill said. In the study, 30 brood cows received MgO and the other 30 served as controls; all were on grass pasture in a location prone to grass tetany. The study showed that even at the 10 percent MgO level, the palatability was good; cows averaged 2.7 lb. of liquid supplement consumption per day, Hill said.

Purdue University also studied the effects of MgO on feedlot heifers fed high energy-no roughage dry feed. They found MgO increased daily gains by 15 percent over controls not receiving MgO during the first two months of feedlot feeding. The researchers concluded the buffer is most important during the first part of the feedlot feeding period, according to Hill.

In a related project, Michigan State University scientists Bill Thomas and Roy Emery compared a higher reactivity MgO product with a controlled reactive MgO product. They found the controlled product was more palatable, and cows produced 3.5 percent more fat corrected milk, Hill reported.

The liquid feeding industry is changing, Hill said. "Mixing various insoluble feed ingredients into liquid feed suspensions has opened the door to nuch greater flexibility in the liquid feed industry," he said. "The complete liquid feed blend...has different handling, mixing, storing and delivery procedures than for dry feeds."

However, with more than a dozen different feed ingredients being used in liquid feeds, "plus new ingredients being added each year," the stability and viscosity of each liquid feed formulation "cannot be predicted," Hill said. Therefore, "it is necessary to conduct laboratory time studies on each liquid feed formulation to which MgO is added," Hill said.

"With the new liquid feed ingredients, new mixing techniques and research proof of results, the liquid feed industry has a great opportunity to meet the needs of livestock producers in their farm management programs," he concluded.

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Clean Up Your Gardening Tools

MEDIA — If you haven't stored your garden tools, now's the time to bring them in, clean them up, and put them away. Last month's preview of winter weather should be a good reminder that there's still work to be done. Here are a few maintenance tips from C.R. Bryan, Jr. Delaware County Extension Agent.

—Don't leave your hose and sprinkler outside to freeze up and possibly crack. Drain the hose, coil it and store it where you will be able to get to it easily during a January thaw. Turn off the water supply to your outside faucet to avoid freezing pipes. Make sure there's no water left in your sprinkler if you store it in an unheated area.

—Before you put garden tools away, be sure they are clean. Remove light rust with a steel brush or steel wool and a little elbow grease. Clean heavy rust with navel jelly or its equivalent. Once they are clean, coat tools with oil — old used motor oil works just fine. Floor wax, vaseline and grease will also do the job. Clean spreaders and sprayers thoroughly because fertilizers, pesticides and other chemicals can be corrosive.

—When you're ready to put power tools away, put them away clean. Change the oil, plugs and filters and lubricate all moving parts.

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Pa. program announced to cleanup Chesapeake Bay

FAIRFAX, Va. — The Thornburgh administration is developing a new $2 million state program designed to further reduce the flow of pollutants into the Susquehanna River and Chesapeake Bay, Lt. Gov. William W. Scranton announced here on December 9.

Scranton, representing Gov. Dick Thornburgh, made the announcement here in conjunction with the signing of a regional agreement for accelerated cleanup of the Chesapeake.

The agreement capped a three-day conference here which grew out of a "mini-summit" meeting Thornburgh hosted on the subject in Harrisburg last June.

It was at that meeting, held in Thornburgh's official home overlooking the Susquehanna, that Maryland Gov. Harry Hughes and Virginia Gov. Charles Robb joined Pennsylvania's governor in pushing for a cooperative, regional approach to problems affecting the health of the bay.

The agreement was signed by those three states, and by the District of Columbia and the U.S. Environmental Protection Agency (EPA).

Scranton called the Chesapeake "the largest and most productive estuarine system in the nation." He said the new agreement will help reverse a growing perception that the bay also has become "an ecosystem in decline."

"We in Pennsylvania feel a very strong obligation to restoring the bay," Scranton said. "Even though we do not border on it, we are beneficiaries of its products and our people enjoy the recreation it provides.

"Pennsylvania has a pioneering alliance of environmental groups and farm organizations working together to improve water quality," he added. "And we remain committed to their efforts, and to ours, to save the bay."

Scranton said Gov. Thornburgh plans to propose to the General Assembly early next year a state program of planning, research, education and technical and financial assistance for reducing the drainage of phosphorus and nitrogen from Pennsylvania croplands into the Susquehanna.

About half of the total fresh water flowing into the Chesapeake, or 8.2 billion gallons yearly, comes from the Susquehanna.

The lieutenant governor pointed out that Pennsylvania has had a statewide erosion and sedimentation control program since 1972 and has substantially increased funding to local soil conservation districts.

Since 1979, the Thornburgh administration has implemented more than $250 million in federal sewerage construction grants to 52 municipal authorities in the Chesapeake Bay Drainage Basin and has provided $13.3 million to municipalities in that drainage basin to help operate and maintain sewage treatment facilities.

"The Susquehanna River, as a result of these efforts, is far cleaner than it was 50 years ago, or even 10 years ago," Scranton said.

"In the spirit of this conference and this agreement," said Scranton, "Pennsylvania recognizes the need for cooperation and responsibility of the Chesapeake Bay is to be restored. We want the people of Virginia, Maryland and the District of Columbia to know that 'you've got a friend in Pennsylvania.'"

The agreement establishes a Chesapeake Executive Council to assess and oversee implementation of plans to clean up the bay. It also establishes an implementation committee composed of representatives of each party to the agreement, with a liaison office at EPA's Central Regional Laboratory in Annapolis, Md.

Be Prepared for Party Clean-Up

MEDIA — Even the most sedate party can result in a few spots on the upholstery and stains on the rugs. And Christmas isn't noted for sedateness. Be prepared. Know how to cope with some of the more common holiday time accidents, says Maryetta Dorricott, Delaware County Extension Home Economist.

If alcohol, beer or mixed drinks end up someplace other than in the glass, blot up the excess with clean absorbent cloth or paper toweling. Sponge lightly with cool water; blot well. Apply upholstery shampoo with a soft brush. Let the area dry thoroughly. Repeat if necessary.

For sauces, soft drinks, salad dressings or blood — blot up excess. Then blot with cold (never hot or soapy) water. Mix a weak solution of three teaspoons of ammonia to one quart cold water and blot the stained area again. Blot with cold water. If the stain remains, moisten it with white vinegar; blot thoroughly. You have the point; blot, don't rub.

Fruit, fruit juices and berry stains also call for blotting action. But first scrape off any excess with the dull side of a knife. Then blot with clean toweling to remove excess liquid. Blot with cool water. If the stain is still visible, blot with a cool detergent to which you've added a few drops white vinegar. Lightly sponge with clear water to remove any traces of vinegar.

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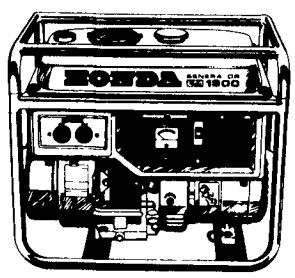

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A light snow blankets this Tyrone area dairy farm in Huntington County. (Photo by Laura England).

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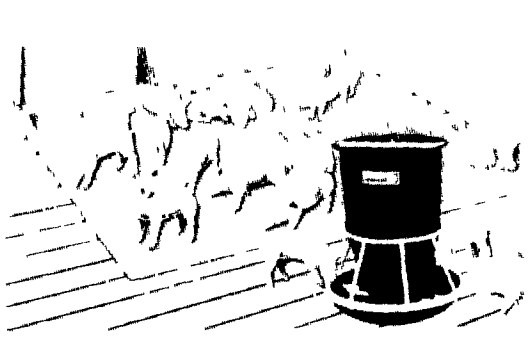

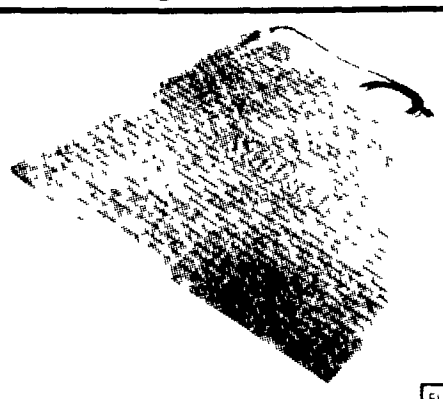

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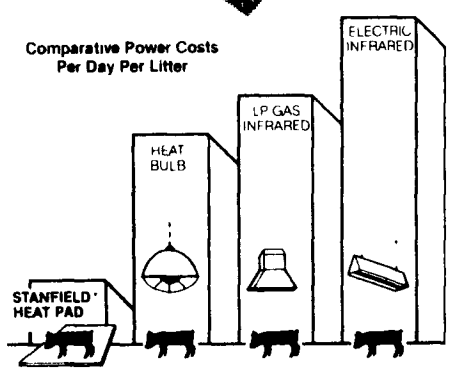

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Farm Bureau adapts computerized information system

CHICAGO, IL. — American Agricultural Communications Systems, Inc. has signed an agreement with E.F. Hutton and Company, Inc. which permits the affiliate of the American Farm Bureau Federation to distribute commodity market information, research and analysis from E.F. Hutton to farmers and ranchers through a computerized communication system.

Under the agreement, E.F. Hutton will provide a daily package of technical and fundamental market information and advice on corn, soybeans, wheat, cotton, potatoes, orange juice, cattle, hogs, sugar and financials. The E.F. Hutton-Conrad Leslie daily grain and livestock reports and forecasts will also be featured. The E.F. Hutton package will be tailored for agricultural producers.

The service will be provided to farmers through Farm Bureau ACRES. ACRES is an acronym for Agricultural Communications and Resource Evaluation System. It is a computerized agricultural marketing information program available to state Farm Bureaus. Participating state organizations provide the service to subscribing member farmers.

In announcing the agreement, Robert B. Delano, President of the American Farm Bureau Federation and affiliated companies said, "E.F. Hutton is one of the nation's leading commodity trading and research firms. Their participation will add considerably to the management information we are already providing Farm Bureau ACRES subscribers. Farm Bureau has always strived to improve agricultural incomes through member programs and Farm Bureau ACRES is our newest economic service. We are pleased that we can offer this important service from E.F. Hutton to our members."

Farm Bureau ACRES subscribers use their home computers to instantly access information contained in one of the nation's largest farmer oriented databases. The database contains current commodity futures quotes, daily commodity and financial market analyses, weekly market summaries, USDA commodity reports, crop and livestock price forecasts as well as legislative reports from the AFBF Washington, D.C. office.

Participating state Farm Bureaus provide local information such as crop and livestock reports and weather data.

Farmers who receive the E.F. Hutton package may call Hutton analysts on a toll free number to receive additional information.

The American Farm Bureau Federation is the nation's largest general farm organization with more than 3.3 million member families.

Milk Market News

ORDER NO. 4 BASE MILK PRICE $13.94 FOR NOVEMBER

ALEXANDRIA, Va — Middle Atlantic Order Market Administrator Joseph D. Shine on December 9 announced a November 1983 base milk price of $13.94 per hundredweight and an excess milk price of $12.50. The weighted average November price was $13.96 and the butterfat differential for the month was 16.9 cents. The base milk price is up 6 cents from October and is one cent higher than last November's price.

The advertising withholding rate, which is deducted from the base and excess milk prices but not the weighted average price, is 14 cents a hundredweight. A total of $687.9 thousand was deducted for advertising in November, up from $684.4 thousand last year. The gross value of November producer milk was $68.5 million, compared to $68.1 million last year.

Mr. Shine said that producer milk receipts totaled 491.3 million pounds during November, an increase of 2.5 million pounds or 0.5 percent from a year earlier. The average daily delivery per producer was 2,354 pounds, up 56 pounds or 2.4 percent from the November 1982 average. Class I producer milk totaled 243.4 million pounds and accounted for 49.55 percent of total November producer milk receipts. The Class I utilization was 49.87 percent a year ago. Base milk accounted for 92.34 percent of total producer milk receipts in November compared to 91.60 percent a year ago. The market average butterfat test of producer milk was 3.87 percent in November 1983 and 3.75 percent a year ago.

Middle Atlantic Order pool handlers reported Class I in-area milk sales of 204.0 million pounds during November, an increase of 1.6 percent over a year earlier.

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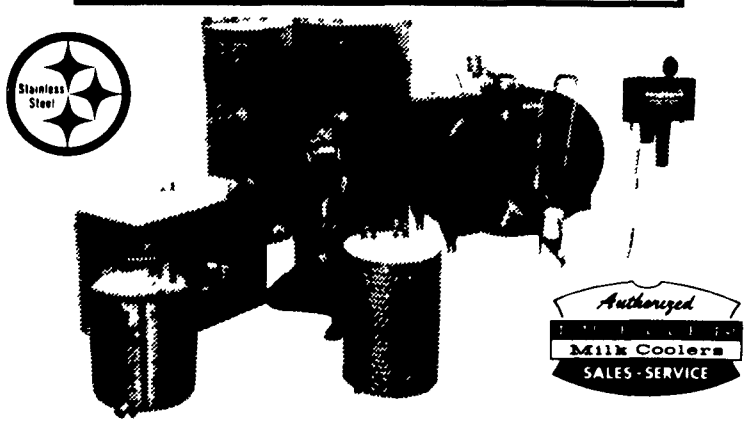

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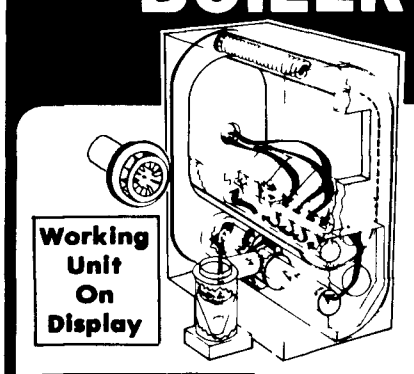

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Potter County DHIA Report

1983 ANNUAL REPORT
Top Ten Individual Herd Records

Ivan Smoker&Son	RH	97 6	86.9	21,069	754
Jack Thomas Sr	Mx	41 0	88.6	19,022	703
Iva Kibbe Jr	RH	92.9	89.5	17,610	698
John C Traub	R&GrH	42 2	85.2	18,529	676
Guy Dunn	RH	53.3	89.3	17,905	675
Kevin Risser	R&GrH	90.4	84 3	18,763	668
Robert Francis	RH	42 0	81 9	17,417	655
Jay N Heisey	RH	75 3	85 4	17,943	648
George Barker	RH	58 3	81 9	18,102	646
R Own Farms	RH	63 5	85 5	17,018	638

Top Ten Cows By Butterfat

Ivan Smoker&Sons Lynn	9-7	7	305	1125
Ivan Smoker&Sons Dart	8-2	7	305	1069
Ivan Smoker&Sons Echo	7-2	6	305	1055
Ivan Smoker&Sons Treasure	7-3	5	305	1049
Kevin Risser Cissy	5-8	4	305	1020
Stan&Sarah Brubaker #67	4-10	2	305	1018
Kevin Risser #715	5-1	2	305	1016
Ivan Smoker&Sons Suzette	7 11	6	305	998
George Barker Vera	7-7	6	305	998
Jack Thomas Sr Deena	5-3	4	305	997

Top Ten Cows By Milk Production

Ivan Smoker&Sons Echo	7-2	6	305	3 3	32,461
Ivan Smoker&Sons Vanilla	5-11	4	305	3 1	29,650
Ivan Smoker&Sons Betsy	3-11	3	305	3 1	29,528
Ivan Smoker&Sons Lizzie	6-5	5	305	3 1	28,810
Ivan Smoker&Sons Vonda	3-3	2	305	2 7	27,631
Ivan Smoker&Sons Dancer	6-2	5	305	3 4	27,626
Kevin Risser Daisy	4-5	3	305	3 0	27,622
Ivan Smoker&Sons Treasure	7-3	5	305	3 8	27,567
Ivan Smoker&Sons Lynn	9-7	7	305	4 1	27,409
Ivan Smoker&Sons Genie	3-7	2	305	3.2	27,083

Consider milo as feed grain

NEWARK, Del. — Milo (grain sorghum) can be a profitable alternative to corn when fed on the farm. There is no commercial demand for it on Delmarva, but this crop may well have a place on the Eastern Shore because of its drought resistance, yield potential and feed value for hogs, cattle and poultry, says University of Delaware extension agent Dave Woodward.

"If you're interested, now's the time to start thinking about how to grow a good crop of milo," he says. "Try just a few acres the first year, to see if it fits into your program."

Cultural methods for milo are about the same as for corn. Here are some practices to consider.

Variety Selection — "Contact a local seed dealer to find out what variety does well in this area, or contact your county extension agent," Woodward advises. Consider bird-resistant varieties when no other milo is grown nearby. If none is available, look for a loose-headed kind so that birds can't perch on it.

Seeding Rate — The usual rate is from 8 to 15 pounds per acre. Eight seeds per foot of row in a 30-inch row requires about 10 pounds of seed per acre. Three seeds per foot of row in 7-inch rows requires about 15 pounds per acre. If a corn planter is used, special milo seed plates are needed. Varying a row width between 7 and 30 inches has little or no effect on yield.

Seeding Depth — Plant shallow, 1 to 1.5 inches deep.

Planting Time — Plant when soil temperature at a 3-inch depth is no cooler than 60 degrees F at 8 a.m. This generally occurs about one or two weeks after normal corn planting time.

Nutritional Requirements — Apply limestone and fertilizer as for corn in your area.

Harvesting — Milo is not like corn; it doesn't die and dry as the grain matures. Instead, it dries very slowly and stays green until frost. When harvest conditions are wet the heads may mold in varieties with tight, compact heads. Therefore, be prepared to harvest and artificially dry this crop right after frost. Frost-killed plants may lodge severely. Don't delay harvest; normally this should start at 25 to 26 percent moisture. Store grain at 13.5 percent moisture.

Herbicides — Woodward suggests contacting him or other county extension agents for recommendations on herbicide rates, timing and method of application, and limitations on materials. Severe injury may occur from preemergence application of atrazine at high rates, and postemergence application of 2-4, D at any rate.

Special Considerations — When feeding milo, grind the grain to a medium fineness. All milo types are about equal to corn or barley in feeding value for cattle and should not exceed 50 percent of the ration. Swine performance may be reduced if bird-resistant varieties are used.

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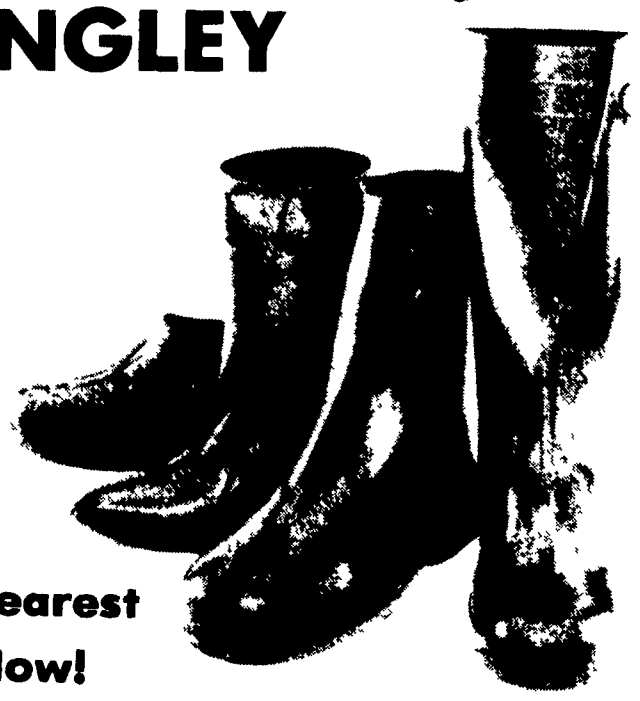

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Study shows gains for low chemical agriculture

KUTZTOWN — A new five year study, reviewed by independent agricultural experts, indicates that drastically reduced levels of pesticides and fertilizers can still achieve comparable yields to today's best conventional farms, and at far less cost, while only experiencing half the soil erosion.

The test area involved a crop/livestock farm that totaled 320 acres near Kutztown and managed by local farmers. Known as the "Kutztown Farm Study", it was supervised by the Rodale Research Center of Emmaus. Since 1973, the farm used little or no synthetic fertilizers or pesticides. In 1977 Rodale began its scientific study and devised strict surveillance standards and an approved methodology to chronicle the results.

Soil samples taken from 94 fields were sent to The Pennsylvania State University's soil testing laboratory for soil nutrient analysis. Crop yields were measured by standard agronomic research practices and yields were adjusted to standard market conditions. In 1982, farm records were studied for economic analysis in consultation with agricultural economics personnel at The Pennsylvania State University.

In addition, five scientists reviewed the study and furnished their comments to the Rodale Research Center, which were incorporated into the study. The scientists are associated with Michigan State University, the University of Minnesota, Bowdoin College in Brunswick, Maine, and The Pennsylvania State University.

Among the study findings were:

• Crop production levels on the farm generally equalled or exceeded county or state averages during the five-year period.

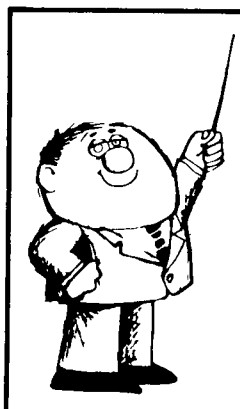
• Soil loss rate by water erosion was calculated at about half that of a comparable farm that used synthetic fertilizers and pesticides.

• Due to the limited uses of expensive, petroleum-based fertilizers and herbicides, crop production costs were reduced by as much as 30% and averaged 10% less than those on comparable, conventional farms.

The Kutztown Farm Study results, carry exciting implications for the future of the American family farm that today faces both declining profitablity and soil erosion.

Reduced uses of chemical, moreover, will improve the quality of the environment and reduce farmworker health risks.

In lieu of heavy reliance on chemicals, the Kutztown experiment used more frequent crop rotations, smaller fields and animal manures. The crops produced during the five tested seasons were alfalfa and red clover hays, corn and soybeans, small grains such as barley, oats, rye and wheat.



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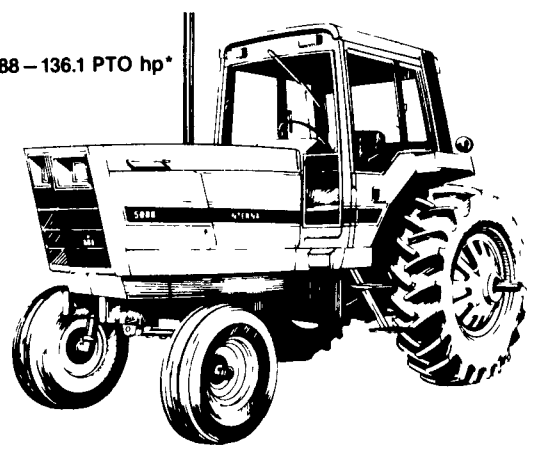

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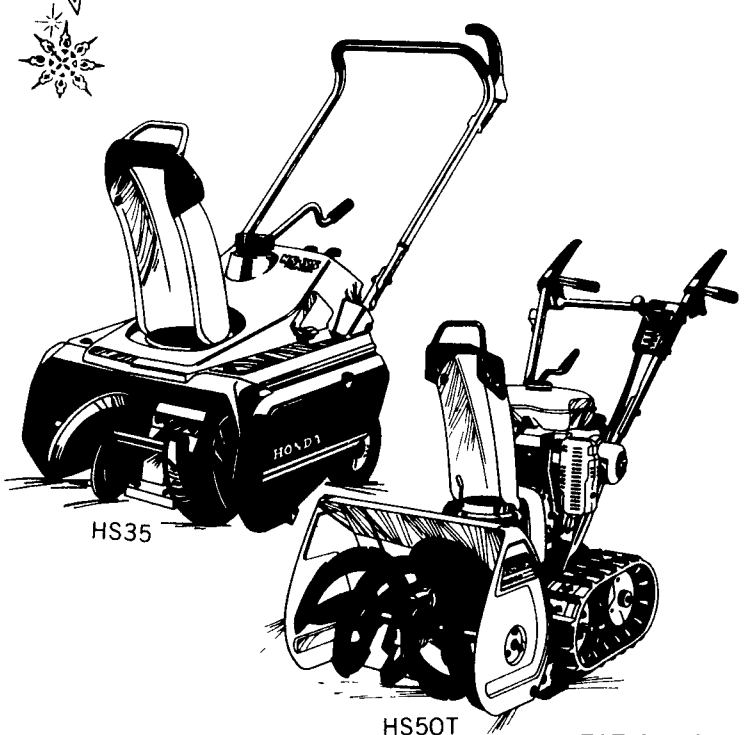

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Montgomery honors conservation farmer

NORRISTOWN — The Montgomery County Conservation District recently honored Mr. & Mrs. Norma D. Rittenhouse for their outstanding conservation efforts. The Rittenhouse's operate a 184-acre crop and poultry farm near Harleysville.

Selection among 15 candidates was based on demonstration of longstanding and overall conservation efforts. Rittenhouse established a stripcropping system in 1962, and has maintained it ever since. Over the past five years, the Rittenhouse's have been extremely active in establishing additional conservation practices which include waterways, terraces, diversions, and structures for water control. This spring, several thousand feet of waterways were installed, and this fall nearly a mile of terraces were constructed on the farm.

Edward Brzostek, District Conservationist for Montgomery County, reports that "the farm is a model of conservation in several ways. The visible measures such as the strips and waterways are obvious, but what is not so obvious is the amount and color of topsoil."

Brzostek also reports "while supervising installation of underground drainage on the farm he was astonished. Over a large portion of the farm there is a 15 inch deep layer of dark organic topsoil. The layer is positive proof that Rittenhouse's program of stripcropping, cover cropping, and green manure crops have paid off."

Brzostek also stated that "saving topsoil and building organic matter have unquestionably been a key factor in the farm's excellent productivity over the past years." In 1982, corn yields averaged over 150 bushels per acre. The Rittenhouse's also operate a Farmers Market at Straffford.

Paul Weaver, Montgomery County Conservation District Director, left, presents Outstanding Conservation Award to Mr. and Mrs. Norman D. Rittenhouse of Harleysville.

USDA warns participants in milk diversion program

WASHINGTON, The recently enacted Dairy and Tobacco Adjustment Act of 1983 contains a critical, retroactive feature of great importance to potential milk diversion program participants, a U.S. Department of Agriculture official said last week.

Everett Rank, administrator of USDA's Agricultural Stabilization and Conservation Service, said under the new law, producers who wish to participate in the diversion program may not – after Nov. 8, 1983 – sell, lease or otherwise transfer cattle which could be used by the producer for the production of milk, except in limited circumstances.

Rank said transfers for slaughter are permitted, as are transfers to another producer who will enter into a contract under the milk diversion program. USDA also has authority to grant other exceptions, but no decisions have yet been made as to whether or how this authority will be used, Rank said.

"Until those decision have been announced, producers will jeopardize their chances of participating in the milk diversion program if they transfer cattle that could be used for the production of milk, other than for slaughter, or to a person the producer knows will participate in the program," Rank said.

Under the program, producers may enter into contracts with the government to reduce their milk marketings. Those who meet all program requirements will be paid $10 per hundred pounds for the amount by which they reduce their marketings from their applicable base period marketings.

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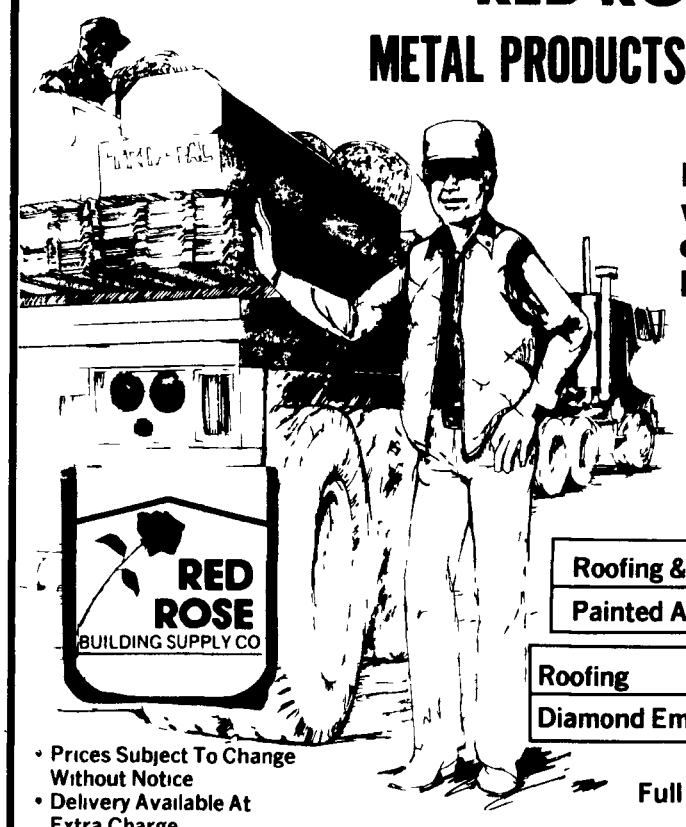

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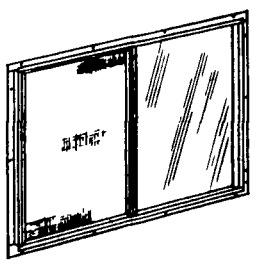
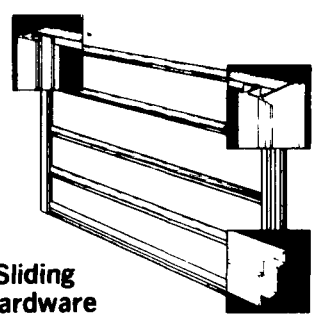


AGCOM WINDOWS
Heavy Alum. Frame, Self Flashed J-Channel - Ready to Install
46"x27" $42.71 46"x40" $57.86



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Build Bigger & Stronger Sliding Doors! Plus... Track and Hardware Also Available.

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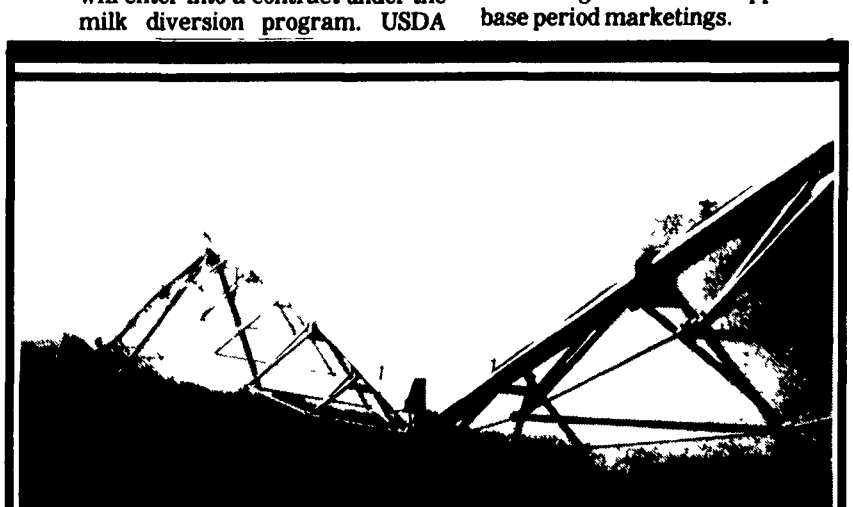
Call Collect - 717-738-2401



When the going gets tough, Valley keeps going.

It takes a tough machine to do this year after year The Valley Geardrive Electric is one tough machine It s been field-proven in hundreds of millions of operating hours On every kind of terrain And it just keeps coming back for more

The rough-ground reliability is built in at the factory and backed in the field Nobody makes a tougher gearbox or a stronger structure Galvanizing insures long system life And we get repair parts to you fast Our professional service people are factory-trained All reasons why the Valley Electric just keeps you going, year after year

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Valley dominates the field.

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VALLEY

Aqua-Flo Inc.

P O Box 454 320 Basin Rd Hammonton NJ 08037
Phone (609) 561 1777

Please send info. for:
VALLEY Center Pivot ☐
Reel irrigation ☐
Alum. Pipe & Fittings ☐
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PVC Pipe & Fittings ☐

Sale Reports

An Auction Sale of real estate and farm equipment was held December 10 and included machinery from Wallace Catlin Farms, Culver Farms and Winter Place Farms. There were 240 registered buyers and about 600 people present for the sale.

The 60 acre farm included 44 acres waterfront on Barren Creek and was sold in 3 parcels. 22 acres sold for $44,700; another 22 acres sold for $22,000 and the final 14 acres sold for $6100 or a total of $72,800 for the property.

Other prices were: A.C. D 17 tractor $3600, Farmall H HiCycle $1300, J.D. 4010 tractor $4500, old Case 7030 $1975, J.D. 4030 tractor $12,600, weights for same $610, Case 7010 tractor w/cab $8050, J.D. 4020 tractor (needs repair) $4300, Gleaner F-2 combine w/both headers $10,400, N.H. 479 haybine $3800 and J.D. 7000 4-row planter $6000.

Pete Richardson Auction Sales conducted the sale.

xxx

A Grain Bin & Drying Equipment Auction was held December 8 by C.C.C. Middlesex County A.S.C. Committee at the Gaylord Farm, #88 Ridge Road, 2 miles west of Monmouth Junction, N.J.

Some prices were: grain bin & drying system $7100, Hutchinson 61' 8" PTO auger $1650 and Hutchinson big cap grain cleaner $775.

Auctioneer was Col. Fred R. Daniel.

xxx

A Machinery and Produce Dispersal was held December 9 by William and Ann Schoelier, West Bainbridge, N.Y. There were over 400 people present despite the snowy conditions.

Some prices were: J.D. 4430 tractor $13,500, J.D. 4020 tractor $7500 J.D. 3010 tractor w/loader $6000, J.D. 4-row 7000 planter $5000, N.H. 1469 haybine $3000, 2 J.D. 7160 wagons $5000 & $5750, approx. 4000 bales of hay $3800 and approx. 100 to 150 ton of high moisture corn in Harvestore silo $12,500.

Mel Manasse was the sale manager and auctioneer.

xxx

A Public Auction was held December 10 for the Caroline Soil Conservation District at their yard on American Legion Road, Denton, Maryland. There were about 400 people present from several states for the sale.

The following items were sold: D7G dozer $53,000, 225 hyd. excavator $31,000, Crane Model 1220-W-GMC motor $7500, army-type wrecker $2750, Rome sheer blade $7500, root rake $2600, 1979 GMC pickup truck $4000, Rogers lowbed trailer $3750, Hardee brush burner $750 and Cub tractor $1300.

A. Curtis Andrew Auction Inc. conducted the sale with Mike Roe.

xxx

The Farmersville Auction was held December 6 in Farmersville, 3 mile east of Brownstown, Lanc. Co., Pa.

Some prices included: pine hutch $290, 4 pc. waterfall bedroom suite $180, gun cabinet $35, 3 pc. bedroom suite $280, 2 pc. gold early American living room suite $240, hide-a-bed $60, round Maytag wringer washer $100, maple chest of drawers $80, Singer treadle sewing machine $50, deep oval picture frame $75, pair deep walnut frames $64, electric calculator $22 and freezer $50.

John J. Rutt conducted the sale.

xxx

A Public Sale of tools and household goods was held December 10 for the Michael E. Burkholder estate at Dutch Trailer Court, east of Brownstown on Metzler Rd., Lanc. Co., Pa.

Some items sold were: 1979 GMC pickup truck $7050, N.H. skid loader with backhoe $7900, modified race car $4600, 1977 Oldsmobile Delta 88 $2100, electric welder $900, steam cleaner $1300, tire changer $415, air compressor $225, acetylene torch set $440, RCA color television $530, diningroom suite $550 and wood burning stove $150.

T. Glenn Horst and Timothy G. Horst were the auctioneers.

Need...
HAY - STRAW - EAR CORN
PEANUT HULLS
Buy Now and Save!
More and more farmers are buying from us for better value and all around satisfaction.
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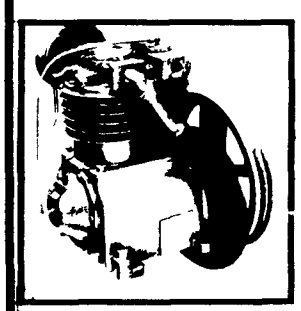
PARADISE, PA.

Air Compressor Sales & Service

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TRUCKLOAD FRUIT
Direct From Florida
Dec. 22 - 23 - 24
All Kinds Of Fruit
Fish: Blues, Fresh
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Fish Sticks..... 2 Lb. $1.80
Fish Patties..... 2 Lb. $1.80
Oysters - Reg. and Select
Open 7 to 7 - Mon.-Fri.
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Closed Sunday
1 Mile East of Greentree
Along S. Vintage Road

CUSTOM FEED BINS
On The Farm Or Feedmill
•GENERAL WELDING•
FRYSTOWN WELDING SHOP
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FRANK A. FILLIPPO, INC.
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DISABLED & CRIPPLED COWS, BULLS & STEERS
Competitive Prices Paid
Slaughtered under government inspection
Call:
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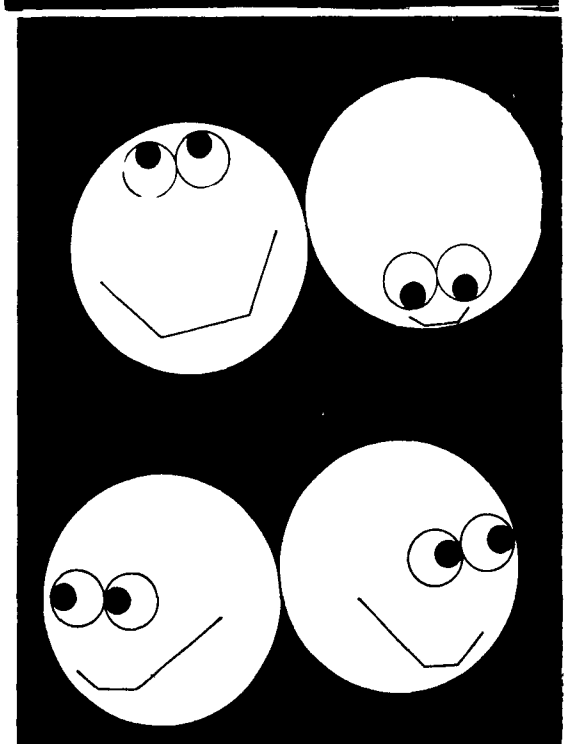
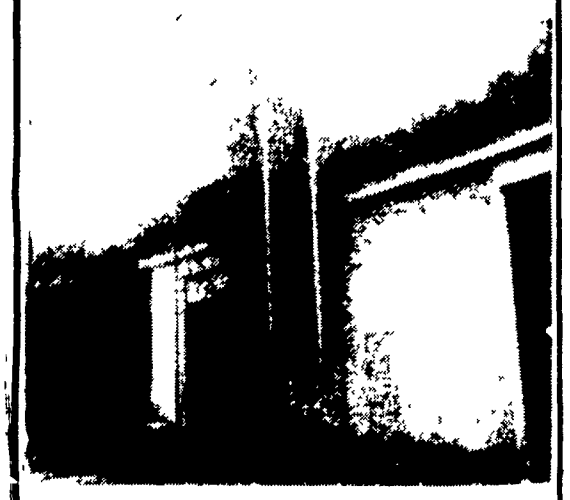

DON'T LOOK ANY FURTHER!
YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS

CUSTOM MADE FEED BINS FOR FARMS — FEED MILLS

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STOLTZFUS WELDING SHOP
Owner - Samuel P. Stoltzfus
RD 1011, Dryville Rd.
Fleetwood, PA 19522

PUBLIC SALE
OF
FARM EQUIPMENT
TUESDAY, DEC. 20, 1983
Approx. 1:00 P.M.
Location: Cumberland Co., Pa.; ½ mile North of Shippensburg along Rt. 11 at Leinbach's Farm Market.
J.D. 6600 Side Hill Combine w/4 row #444 corn head and #213 grain head; White 5400 4 row air Corn Planter w/liquid fertilizer; 6,000 Ford Tractor Diesel W.F. (as is); 15 ft. 4" grain auger.
Note - This equip. is to be offered immediately following hay at Leinbach's Mkt.
Not responsible for accidents
Terms by:
FARM & HOME ADM.
Auctioneer:
Melvin Sensenig 776-5054
Lamar Sensenig 532-9160

SHORT NOTICE SALE
James Billings Holstein Dairy
Sale will be held on the Robert Brown Farm, located on PA Rt. 292 leading from Evans Falls to Vernon and Center Moreland, Wyoming Co. 7 miles south of Tunkhannock, via Rt. 309
WED. DEC. 21st
12:30 P.M. Sharp
40 Grade Holsteins
30 day TB and Blood tested free herd.
40 Milch cows, 10 handling heavy calves, 25 open 1st and 2nd calf heifers suitable for transplants.
Terms - Cash or Approved Good Check
Owner -
JAMES BILLINGS
Auctioneers,
Bunnell and Weaver

Milk Market News

ORDER 4 CLASS I MILK PRICE $15.34 FOR JANUARY 1984

ALEXANDRIA, VA — Middle Atlantic Order Market Administrator Joseph D. Shine, December 5 announced a Class I milk price of $15.34 per hundredweight for January 1984. This price is up four cents from December and is unchanged from last January's Class I price. Order No. 4 prices are announced for milk testing 3.5 percent butterfat f.o.b. plants located within 55 miles of Philadelphia, PA and also within 75 miles from the nearer of Washington, DC or Baltimore, MD. There is also a 6-cent direct-delivery differential applicable to producer milk received at plants located within 55 miles of Philadelphia.

Mr. Shine announced a Class II milk price of $12.64 per hundredweight for November 1983 and a butterfat differential of 16.9 cents for the month. The Class II price increased four cents from October while the butterfat differential was down one-tenth of a cent.

The January Class I price and the November Class II price are based on the November 1983 Minnesota-Wisconsin manufacturing milk price of $12.56 per hundredweight at a 3.5 percent butterfat content.

The USDA reported that the wholesale price of Grade A butter at Chicago for November was $1.4725 per pound and the nonfat dry milk price was $.9405 per pound, f.o.b. plants in the Chicago area.

SOYBEAN ROASTING
ON YOUR FARM
DON'T WASTE IT - ROAST IT

Moldy or Musty Corn
Have it restored to usable condition by roasting.
Barley and Wheat Roasted For Drying And Better Digestibility

Make higher profits from all grains. Roasting improves TDN, destroys molds, retards toxins and removes moisture.

CUSTOM GRAIN ROASTING DONE IN PA AND SURROUNDING STATES OR OWN YOUR OWN ROAST-A-MATIC GRAIN ROASTER.

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ALLEN SUMMERS
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215-932-4761

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RD 1 Box 506C
Lewisburg, Pa 17837
717-966-3593

MINERALS AND TRACE ELEMENTS IN ROCK PHOSPHATE nourish the bacteria in manure and decompose it, producing very nutritious and superior crops for our happy smiling customers

An ag station in New England wrote the combination in stables more than doubled tomatoe crops than where both were used separately! It saves spreading costs and much fertilizer money plus getting larger crops Ask for literature

A Natural Mastitis Treatment That Works

It is rich nutrition in the feed Costs only about $2.75 per day, 2 feedings usually knocks it out except in old prolonged cases. Even those sometimes when drugs have failed. It is **Light Force Spirulina**' , an algae that grows on water. Extremely rich in vitamins, minerals, trace elements, amino acids, chlorophyll and enzymes. It supplies the missing elements Makes cows resistant. It is double purpose - nourishing the cow and treating the cause, not just the udder or symptom. Farmers say helps improve sick cows in a few hours.

200 Tablets... $18.95 Postpaid

Good repeat orders prove that this mastitis treatment works We also have another excellent natural product to use in combination for very stubborn cases and sick cows Free literature Dealerships available for both these becoming popular products

Eli Stoltzfus Organic Center
217 S. Railroad Ave. New Holland, PA 17557

Sale Reports

A Public Auction of a farmette was held December 3 by Eleanor M. Dratz at 1412 E. Newport Road, Lititz, Lancaster Co., Pa.

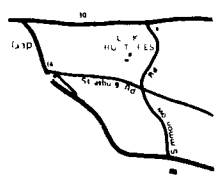
The 4½ acre property included a frame house with aluminum siding, 30'x40' barn, frame garage and exercise rings and was sold for $95,000.

The sale was conducted by Conestoga Auction Co., Aucts.

xxx

GLICK STRUCTURES
"QUALITY DESIGNED STORAGE BARNS"

Ben Glick — R.D. 2, Gap, PA
717-442-9320
NO SUNDAY SALES



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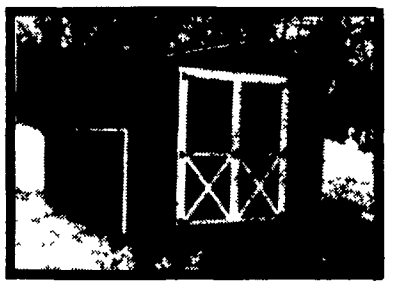


ALL SIZES FULLY ASSEMBLED
• 4x4 Pressure Treated Skids • 2x4 Floor Joist 16" On Center • 5/8 Plywood On Floor • Sidewall Studs 16" On Center • Covered With ½" Texture 1-11 • Plywood Siding • 240 lb. Shingles On Roof

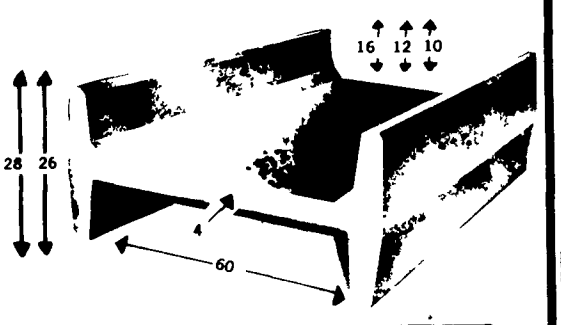
★ OVERHEAD GARAGE DOORS AVAILABLE ★

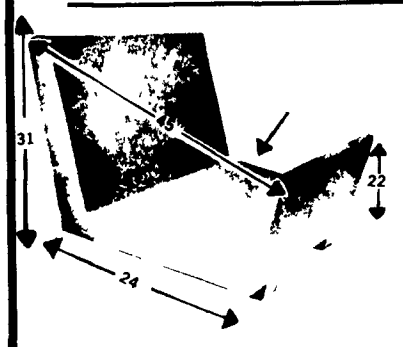
6x8	$365	10x12	$600	12x18	$870
6x8	$405	10x14	$640	12x20	$925
8x10	$445	10x16	$690	12x24	$1090
8x12	$480	12x14	$750	12x28	$1270
8x14	$520	12x16	$810	14x24	$1545
				14x28	$1895

PRECAST CONCRETE
FEED BUNKS

H BUNK

New 16" Depth Available For Once-A-Day Feeding!





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— Quality Reinforced Design

A Complete Line of Sollenberger Precast Farm Products Available Here.

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A Nitterhouse Company
Box N Chambersburg, PA 17201 [717] 264-9588
A Producer of Quality Concrete Products Since 1923

Public Auction Register

DECEMBER

THURS DEC 29 9 30 AM Public Auction of Household Goods, Antiques, Car and Items Located in the Winterstown Fire Hall, Rt 24, south of Red Lion, PA Bob and Tom Sechrist, Auctioneers

FRI DEC 30 - 9 30 AM Public Auction of Antique Engines, Tractor and Tools and Household Antiques Located in York Co , PA, Ridgewood Rd , east of Avalong Restaurant off Rt. 30, turn east at Tourist Bureau at Avalongs Restaurant to T road, turn left and follow 2 mi to sale on right Margaret Shaffer, Owner Blaine N Rentzel, Auctioneer

FRI DEC 30 - 9 AM Public Auction of Business Consolidation Sale Located 8 mi east of Lancaster along Rt 340 in Intercourse C B Hoober and Son, Owners Robert E and Jeffrey R. Martin and Frank L Steller, Auctioneers

SAT DEC. 31 - 9 AM Public Auction of Antiques, Quilts, Household Goods and Coins. Located at Paradise Fire Hall along Rt 30 approx 10 mi. east of Lancaster, PA, behind American Bank Estate of Susanna A. Eshleman Ron Funk Auctions.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. DEC. 31 - 9 AM Public Consignment Sale of tractors and farm equipment Located from Interstate 31 South of Martinsburg, W. VA. take exit #5 (Inwood) W. VA, Route 51 east approx. 3½ miles to Shutt's Cash Grocery (formerly Haines') turn right-.2 of a mile to sale--OR from Charlestown W VA take Route 51 West-go approx 3½ miles to Shutts' Cash Grocery turn left-.2 of a mile to sale Edgar A. Bohrer, Sale Manager.

FEBRUARY

FRI. FEB 3 - 10 A.M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI FEB 10 - 9 A.M Public Sale of Farm Machinery at New Holland Sales Stables, Inc, 12 miles East of Lancaster of Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT FEB 11 - 9 30 AM Public Auction of Horse Drawn Farm Machinery, Horses and Harness Located 1 mi. north of Strasburg on Herr Rd David King, Owner Steve Petersheim, Auctioneer

SAT. FEB 11 - 10 AM Public Auction Located 4 mi southeast of Strasburg along Road from Ivy to Mt Pleasant Mennonite Church, Lanc Co, PA Benuel S Esh, Owner Diffenbach's Auctioneers

THURS FEB 16 - Public Auction of Farm Equipment, Household Goods and Livestock. Located 2 mi northwest of New Holland, turn off of Rt 23 on N. Shirk Rd. at Goods Furniture, 1st road left on Amishtown Rd, Lanc Co, PA Emanuel S Lapp, Owner Robert E Martin and Son 656-7770, and Frank L Steller, Auctioneers.

FRI FEB 17 - Public Auction of Farm Equipment, Household Goods and Livestock. Located along Rt 30, between Kinzers and Gap, Lanc Co., PA Amos Yoder, Owner Robert E. Martin and Son, 656-7770 and Frank L Steller, Auctioneers.

FRI. FEB 17 - 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa. Abe Diffenbach, Manager

SAT FEB. 18 - 9.30 AM Public Auction of Draft Horse, Mules, Drivers and Meat Horses Located at the Belleville Livestock Market Mark Glick, Auctioneer

SAT FEB 18 - Auction of horse drawn farm implements and tools. Located 2 miles northwest of White Horse alone Meadville Road in Salsbury Township, Lancaster Co. PA. Enos King, Owner. LeRoy S and Paul W Horst, Auctioneers

FRI. FEB 24 - 9 AM Public Auction of Antique Tractors and Engines, New, Used and Abused Farm Equipment, New Tools and Fruit. Located 10 mi east of Lancaster, 2½ mi. west of New Holland, turn off Rt. 23 on S. Groffdale Rd. turn left on Musser School Rd, Lanc. Co, PA Elias S. Beiler, Owner Robert E. Martin and Son 656-7770, Frank L Steller and Blaine Rentzel, Auctioneers.

PUBLIC SALE

OF NEW & USED EQUIPMENT, TRACTORS, TOOLS & PARTS

FRIDAY, DECEMBER 30, 1983

At 9:00 A.M. Sharp

Located 8 miles east of Lanc. along Rt. 340 in Intercourse, Lanc. Co. Pa.

NOTICE — Last year we consolidated three dealerships into two, we're selling excessive parts, shop tools, new & used equipment, combines & used tractors.

TRACTORS

IH 1456 Diesel; IH 706 Diesel; IH F966 Diesel; IH 450 Gas; Cub; Plow & Cult.; IH B414 Gas with 101 Loader; Farmall H with pulley; Deutz D5506 on steel; IH 3200A Skid Loader; MF 1100; Year Round Cab for IH; Front, Rear & Suitcase Weights; IH Fuel Tanks; Year Around Cabs; Set of 18 4x38 Duals; Hubs for Duals.

COMBINES

IH 815 Diesel with 13' Platform; Gleaner F Gas with 330 Corn Head 13' Platform; 2 - MF 300 with 2 Row Corn Head 13' Platform: JD 643 Corn Head; JD Straw Cutter; Neco Hillside Grain Saver; AC 440 Corn Head; IH 863 Corn Head; IH 844 Corn Head; IH 744 Corn Head.

HARVESTERS & BLOWERS

IH 650 Direct Throw; N.H. 717 with 1 Row Corn Head & Cutter Bar; 2 - IH 2 Row Corn Head, 1 pickup for 550 & 650; N.H. 27; Gehl 88; AC 480 Blowers.

NEW EQUIPMENT

18' Bale Wagons with Running Gears; IH 720 5F - 18' Auto. Plow; IH 720 4F - 18" Auto. Plow; IH 55 11' MTD Ch. Plow; IH 4500 - 16'-6" & IH 4500 - 12'-6" Field Cult.; Two - IH 350 - 10' 6" Disc; 2 Krause 16' Rockflex Disc; Eight - IH 295 Planter Units; IH 3 Row Unit for 830 Harvester; Krause 21' Field Cult.; Krause 7' & 9' Chisel Plows; 1068 No-Till Hay Buster Drill; Lely Fert. Spreader; Brillion 5' Grass Seeder; Pequea 7' PTO Hay Tedders; Grimm - 7' PTO & Ground Drive Hay Tedders; Century 240" Wick Applicator.

USED EQUIPMENT

NH 7' Cutter Bar Mower; IH 7' Fast Hitch Cutter Bar Mower; 3 point 6' Disc; 8 Rolls BEAN Potato Digger Chain; Pitt. Disc 12' Transport; 14' Case Chisel Plow, pull type; IH #10 Drill; JD 220 - 20' Disc; JD 12' Disc; Oliver 5F - 16" Plow; JD 6F - 16" Plow; A.C. 20' Disc; Brady 1680 Flail Chopper; IH 400 Cyclo 4 R Planter; Sauder Loaders; Kelly Loader for Super C; Krause 14' Disc; 14' Roller with End Transport; IH 710 4F - 16" Auto. Plow; IH 531 3F - Plow; NI 737 12 Roll Husking Bed; Ford 2 Row Cult.; Farmall A Plow; 11 Shank Glencoe Soil Saver; Oliver 10½' Disc.

SPRAYERS

JD 3 point 150 gal. Sprayer; Snyder 200 gal. Saddle Tanks & Brackets; Welsh 210 gal. 3 point with 21' Boom; Myers PTO Trailer Sprayer; Century 240" Wick Applicator; Pacer Transfer Pumps & John Blue Pumps.

LAWN & GARDEN SUPPLIES

2 New McCulloch Chain Saws 510 & 610; Wood Cutting Supplies; JD 110 Garden with Mower; Sears 12 HP & MF 8 HP Garden Tractor with Mower; Unicorn Log Splitter; IH 1200 Snow Mobile Trailer; Myers; 84 & 90 Snow Plows Universal Mounts; Watson Utility Trailer.

SHOP TOOLS & MISCELLANEOUS

1,000,000 BTU Oil Heater; Space Heaters; McCulloch 1500 Watt Generator with engine; Tractor Dynamometer; Jenny 1000 Hot Water Washer; 100 gal. Part Washer Tank; 35 ton Hyd. Press; 250 amp Welder; Elec. Band Saws; Steel Shelving; 30 gal. Drums; #10 Oil; Socket Set; Tool Boxes; New Batteries; Dairy Supplies; Typewriter; Cash Register; Plow Bolts; all kind of Bolts; many other items not mentioned.

AUCTIONEER'S NOTE — Taking advantage of this Year End Sale will be a saving for you in '84. First 50 buyers will receive free lunch tickets.

PARTS DEPARTMENT WILL OFFER SPECIAL DISCOUNTS ON PARTS AND EQUIPMENT.

Equipment will be sold at 1:30. Financing available on new equipment sold over auction.

All items listed are subject to prior sale.

Out of state checks if approved by C.B. Hoober, Inc.
Sale will be held indoors on small items.

Terms by
C.B. HOOBER & SON, INC.
717-768-8231

Auctioneers —
Robert E. and Jeffrey R. Martin — 656-7770
Frank L. Steller

Lunch Available

PUBLIC SALE

OF 3 ACRE FARMETTE

FRIDAY, JANUARY 6, 1984

AT 2:00 P.M.

Located along Rt. 23, 1 mile east of Blue Ball, Lancaster Co., Pa.

HOUSE: 2½ story stone & brick house. 1st floor: Lrg. Kit.; Liv. Rm.; Sewing rm.; ½ bath; Large laundry. 2nd floor: 4 Bedrms.; Full bath. Attic storage; Full basement w/cement flr.; OHA heat; Lrg. flagstone porch; Shingle roof; Well & septic system. Cement block 2 car garage.

BARN: Frame bank barn w/tin roof. Lower level has open stables.

OUTBUILDINGS: Block milkhouse (used for small shop); Frame tobacco shed w/cellar & corn crib; 12' x 50' cement silo.

LAND: 3 acres of land, level to gentle slope. Frontage on Rts 23 & 897.

TERMS: 10% down day of sale; settlement by April 1, 1984. Inspection anytime by appointment. Call HORNING FARM AGENCY, INC. at 215-286-5183.

TERMS BY:
IVAN M. MARTIN
Atty: Robert Weaver

HORNING FARM AGENCY, INC.
Alvin Horning, Auctioneer
Main St., Morgantown, Pa. 19543
215-286-5183

FARMERSVILLE AUCTION

TUESDAY, DECEMBER 20, 1983

5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

2 pc. Early American Livingroom suite; 3 pc. maple bookcase bedroom suite; double bedding; 2 square alum. tub Maytag wringer washers; single & double rinse tubs; maple chest of drawers; 4 drawer filing cabinet; White Mt. ice cream freezer; 3 pc. grey bookcase bedroom suite; 4 pc. walnut bedroom suite; express wagon; luggage; G.E. vacuum cleaner; bookcase w/glass sliding doors; swivel office chair; saw; Lane cedar chest w/drawer in bottom; pr. mah. end tables; collection of frosted glassware; 40" G.E. elec. range; set of 4 oak chairs; bunk beds; depression bedroom suite; painted wood office desk; 2 stereos; sleds; portable TV; games; small items, box lots; etc. etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

Consignments being accepted for our Annual New Year's Day (Jan. 2) Antique Sale.
Free calendars

WHITEFORD SALES CO.
Box 100
Uwchland Post Office
Eagle, PA 19480

Has been Chester County's Leading Auction Co. for the last 26 years in dairy and livestock auction.

We also sell real estate, construction equipment, farm machinery, trucks and trailers and antiques.

Before you give your auction to someone else call and allow us to evaluate your once in a lifetime savings. The day after may be too late! We have the experience and know the value of your real estate or personal property so we can get you top dollar.

We also will buy your complete spread. Call now for 1984 auction dates.

Phone Whiteford Sales Co.
215-458-5060

Auctioneers
L. Robert Frame and Son
215-458-8518
Or Call Vintage Sales Stables, Inc.
717-442-4181

Call anytime day or night.
"Eastern PA's Foremost Auction Co."

PUBLIC AUCTION

MODERN FARM EQUIPMENT
CORN CRIBS; TRUCK

TUES. DEC. 27, 1983

at 11:30 A.M.

(Between Allentown & Quakertown) Turn west off Rt. 309 in the Boro of Coopersburg across from the Driftwood Diner, go 2 blocks to dead end turn south on Main St., approx. 2 mile to Blue Church Rd., turn west to farm, Bucks Co.

AC 190 xt diesel tractor; MF super 90 diesel tractor; Oliver #565 four bot-16" pl; JD 3 pt. 14" trip pl; three sec. harrow; Oliver #242-12' transport disc; 9' dbl. roll cultipacker; JD 494 AN 6-30 corn planter; 3 pt. two row cultivator; 3 pt. 100 gal. plastic tank sprayer w/boom; NI 10' lime spreader; Hawkbilt side spreader; NI #327 two r narrow corn picker; NI model 311 2 row wide corn picker. JD #640 rake; 2-gravity wagons; NH 469 haybine; NH 68 haybine baler w/mod. 50 thrower; NI hay crimper; Van Brunt grain drill; E-Z trail 21' metal bale wagon used 2 yrs; 2-bale wagons w/wood sides; Zimmerman 36' bale elevator; Cardinal 22' bale elev; Allied pto grinder mixer; 22-Stoltzfus wooden veal pens; 2-Martin 10 hole hog feeders; 55'x2½" spring screw feed auger w/inlet funnel, motor etc; 4-24" barn fans; 4-round wire 1400 bu. cap corn cribs (like new); TRUCKS: 1954 Dodge 5 ton dump truck; 1969 International 1900 Loadstar grain truck w/2 sp. rear, 16' dump bed, 52" grain sides & hog gates.

Terms - Cash or check

For
TRIPLE S FARM, JAMES R. STOVER

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Refreshments available

PUBLIC SALE

From Interstate 31 South of Martinsburg, W.Va. Take Exit #5 (Inwood) W.Va., Route 51 East Approximately 3½ miles to Shutt's Cash Grocery (formerly Haines') Turn right - .2 of a mile to sale — OR — From Charles Town, W.Va., Take Route 51 West - Go approximately 3½ miles to Shutts' Cash Grocery Turn left - .2 of a mile to sale

SATURDAY, DEC. 31, 1983

9:00 A.M.

TRACTORS AND EQUIPMENT

Approximately 20-25 Tractors including Cubs, Fords, John Deere, Internationals, Fergusens, and other tractors. We will also be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 ft. blades, post hole diggers, discs, wood saw, rakes, balers, round balers, grain elevators, corn pickers, and other farm related articles.

We will also be offering a good selection of NEW AND USED TOOLS - Canned goods - Some household articles.

ALSO: 1962 10x50 Newport Mobile Home

Cuz of Pennsylvania will be here with yard goods, watches and tapestries.

TERMS: CASH OR GOOD CHECK. NOTHING TO BE REMOVED UNTIL SETTLED FOR. ID REQUIRED TO ACQUIRE BIDDING NUMBER.

NOTE: THIS IS A CONSIGNMENT SALE. LET US TURN YOUR UNUSED FARM ARTICLES, HOUSEHOLD ARTICLES AND ANTIQUES INTO CASH FOR YOU. IF YOU ARE CONSIDERING HAVING AN AUCTION, PLEASE CONTACT US. We would be pleased to serve your needs.

ORDER OF SALE. Small items - tools, household articles, etc. will be offered promptly at 9 a.m. TRACTORS AND EQUIPMENT - Farm equipment and tractors will be offered promptly at 1 p.m.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES

SALE MGR.
EDGAR A. BOHRER
W.VA. LIC. #18-84
304-229-3354

Clerks: Bohrer and Bohrer

LUNCH RIGHTS RESERVED

PUBLIC AUCTION

21 ACRE FARMETTE
Zoned R-300
To Be Offered In 3 Parcels, Or As One Complete Parcel

MONDAY, DECEMBER 19, 1983
2:00 P.M.

LOCATION: Take Route 272 North from Ephrata to Schoeneck Rd., turn left on Schoeneck Rd., go to village of Schoeneck. Turn left on Mt. Airy Rd., go approx. 1 mile to Sandy Hill Rd. Turn right on Sandy Hill Rd., go 1 block to Hillside Rd., turn left to first farm on left. West Cocalico Township, Lancaster County, Pa.

INSPECTION: At open house Saturday, December 10, and December 17, 12:00 Noon to 3:00 P.M., or by appointment, call 267-4438. Balance of farm and land may be seen at any time.

TERMS: 10% down day of Auction, balance at settlement April 1, 1984. Financing by owner by prior approval, call 215-267-6725 or auctioneer, 717-733-3305.

Auction by:
ALLEN S. AND MARY H. NOLT
Phone 215-267-6725

Michael P. Kane, Attorney
Auction Conducted By
John E. and Paul E. Martin Auctioneers
Ephrata, Pa 717-733-3305

AUCTION-ALLIED AUTOMOTIVE

MACHINE SHOP EQUIPMENT-TOOLS-SHELVING-HARDWARE-TRUCKS AND OFFICE EQUIPMENT

TUESDAY, DEC. 20
at 11:00 A. M.
HORNELL, NY

Sale will be held on Seneca Rd., old Rt. 36, across from High School, 1 mile North of Main St.

TRUCKS: 1977 IH 1700 w/24' alum. Van body, overhead door; 1978 Ford F-600 w/14' Van body & overhead door.

Discontinuing business will sell contents of warehouse. Including: Atlas Machinest's lathe w/12" swing, w/milling attachment, 3 & 4 jaw chuck, faceplate, etc.; Engine lathe, 18" swing, 5' bed, 4 jaw chuck rest & face plate; Horizontal-vert Milling machine & power feed table w/shell mill adaptors & collar adaptor; Powermatic 6" belt sander; Soux valve grinding machine w/attachments; K.V. Lee Grinder w/attachments, w/power head and a tooling-like new; Lempco brake drum lathe w/attachments; 3 power hack saws; 12" Cut off saw; shop carts; Approx. 10,000 lbs. of E6012 welding rod, 7/32"; clutch pressure plate, rebuilding machine; parts wash tank; bench vices, Riveting machine, 6-floor model drill presses, Bench model drill press, Vert-horiz band saw.

Large assortment misc. auto parts, furnace blowers, 100 Hmp welders, engine hoist, 2 ton floor jack, work benches, Steam Jenny, Misc. engine and car parts, Reese hitchers, Vert-horiz. Hardage head model HV4 w/table and tail stock.

Misc. New Hardware, Nuts & bolts, cotter pins, Van Norman 12" H.D. Rotary table, Garvin Universal dividing head w/tail stock, Tool storage cabinet, Jepson 9" body grinder.

Auto parts; fender flares, Van windows, Car mats, 1200 cases of paints & stains.

Shelving: 20 sections metal shelves, large quanity wood shelves and metal parts shelves, some steel cabinets, 6-15" sections wood shelves, 27' counter.

Small tools-too numerous to mention.

Westinghouse Refrig.; New Kerosene Heaters.

Pitney-Bowes 250 Copier, plain paper.

2 duplicating machines.

Terms: Cash or good check.

ROY TEITSWORTH, INC.
SALE MANAGER-AUCTIONEERS
GENESEO, N.Y.
716-243-1563

Public Auction Register

SAT FEB 25 - CONSIGNMENT SALE Const Equip, Trucks, Trailers & Contractors Equip to be held at the property adjacent to the Ramada Inn off Rt 95 in Essington, Pa, just south of the Philadelphia Int'l Airport Vilsmeier Auction Co, Inc.

SAT FEB 25 - 10 AM Public Auction of Livestock and Farm Equipment Located 1½ mi, southwest of Bartville off Farmdale Rd, Lanc Co, PA Henry S Stoltzfus, Owner Diffenbach's Auctioneers

SAT FEB 25 - 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi. west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT February 25, 1984 9 AM Terms by Allan H & John W Brubaker Electrical supplies, farm machinery, household goods, and tools Located ½ mile north of Hahnstown, Ephrata Township, Lancaster County Auctioneers - Paul W & Leroy S Horst

TUES FEB 28 - 9.30 A M Public Sale of farm machinery and tractors Located along Meadow Valley Road 1½ mile west of Ephrata By Edwin Horning and Sons Ralph Horst and Blaine Rentzel Auctioneers

WED FEB 29 - 9 30 AM Public Auction of Horse Drawn Farm Machinery, 22 Head Holstein Heifers from Stoltzfus Herd, 6 Work Horses Located 1 mi north of Gap Stephen U Stoltzfus, Owner Steve Petersheim, Auctioneer

MARCH

THURS MARCH 1 - 9 AM Public Auction of Dairy Cows and Farm Machinery Located on premises along Bowmansville Rd leading from Adamstown to Rt 625, from Bowmansville take Rt. 625N under turnpike bridge, 2nd road left to T road turn left ½ mi. to auction on right. Clarence Weaver, Owner. Randal V Kline, Lloyd Kreider and Roy Good, Jr, Auctioneers

FRI MARCH 2 - 9 AM Public Auction of Farm Machinery. Located at the Belleville Livestock Market

FRI MAR 2 - 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt. 23 in New Holland, Pa. Abe Diffenbach, Manager

FRI APR. 27 - 6 PM Public Auction of 250-300 Head Heifers, all sizes, Springing, Bred and Open Heifers, some registered Located at the Belleville Livestock Market

SAT MARCH 3 - 20th Annual Bart Twp Fire Co Located in Georgetown, on Rt. 896, 7 mi south of Strasburg Larry LeFever, Auctioneers

THURS MAR. 8 - 10:30 A.M Public Auction PA World Relief Heifer Sale 100 Head. Located at the Guernsey Sales Pavilion along Rt. 30. Wilmer Kraybill, Manager

THURS MARCH 8 - Fourth Annual World Relief Heifer Sale Located at the Guernsey Sales Pavilion, Lancaster, PA John Umble, Lee Kurtz and Omar Stoltzfus, Auctioneers

FRI MAR. 9 - 9 A M Public Sale of Farm Machinery at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt. 23 in New Holland, Pa Abe Diffenbach, Manager

FRI MARCH 9 - 9 AM Public Auction of Machinery Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

TUES. MARCH 13 - 9 AM Public Auction of Farm Machinery, Farmall Tractors, 20 Head of Heifers and Antiques. Located 2 mi east of Intercourse on 340 John L Zook, Owner Steve Petersheim, Auctioneer

FRI MARCH 16 - Public Auction of Full Line of Farm Machinery Located at RD 1, Blain, Perry Co, PA James Koser, Owner Kling's Auction Service

FRI MARCH 16 - 5 P.M. Public Auction of 65 Tractors and Trucks, Material, Small Items and Tools, Etc. Located at the Kempton Community Center

FRI MARCH 16 - 6:30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI MARCH 16 - Public Auction of Farm Equipment, Antiques and Household Goods Located along Red Run Rd, 2 mi northwest of Terre Hill, near the Red Run Campground Lloyd H Martin, Owner Nevin Martin, Paul Horst and Lowell Horst, Auctioneers

SAT MARCH 17 - 9 30 AM Public Auction of Farm Equipment, Household Goods and Antiques Located between East Petersburg and Manheim, turn off of Rt. 72 on West Auction Rd, 1st crossroad left. Titus M., Mary H, Eugene N and Donna J. Nolt, Owners Robert E. and Jeffrey R Martin 656-7770, Auctioneers

SAT MARCH 17 - Public Auction of Farm Machinery and Misc Items. Located at RD, Mechanicsburg, Cumberland Co., PA Robert Eppley, Owner, Kling's Auction Service

SAT. MARCH 17 - 9 30 AM Public Auction of Farm Machinery and Antiques Located at Chester Wilson Farm, approx 4 mi south of Strasburg, PA off Rt 896, take May Post Office Rd. south to Weaver Rd to Winter Hill Rd. Chester and Anna Wilson, Owners Ron Funk Auctions.

CAREY BROS. COMPLETE DISPERSAL

RT. 49
HARRISON VALLEY, PA.
(POTTER COUNTY)
TUES. DEC. 20 AT 9:30 A.M.
136-REGISTERED &
HI-GRADE HOLSTEINS-136
80 REGISTERED - 56 GRADES

Herd consists of: 80 mature animals, 12 bred heifers, 16 open heifers, 10 yearlings, 18 started calves.

Bloodlines Selling include: Elevation, Flame, Gent, Hamlet, Paclamar Bootmaker. 10 Animals fresh in last 2 months, 12 due in Dec. & Jan., balance throughout the year.

Some animals selling:

Elvira	272 Days	23456 M	732 F
Janet	327 Days	22102 M	725 F
Ho	341 Days	19495 M	756 F
Kate	305 Days	17763 M	644 F

This is a young herd with 37 animals 4 years of age or younger. Herd on D H I A Test. Blood-tested, T.B. tested, Inoculated for shipping fever, Pregnancy check, Interstate papers available.

MACHINERY

INT. 3388 2 + 2 trac. - appr. 3000 hrs., 2 P.T.O. shafts - full cab, air, heater, AM-FM w/8 track tape., Case 930 w/fe, diesel, diesel, Case 530 w/fe, w/loader, N.H. 770 Chopper - 2 heads w/hyd. steering on chute, Recutter Screen, N.H. 273 Recutter Screen Baler w/thrower, N.H. 354 Grinder Mixer, INT. 4 row cyclo air planter, Jerr Dan Forage wagon w/12 ton tandem running gear, N.H. Forage Wagon, Gehl Forage Wagon, J.D. 5 Bottom semi mounted plow w/hyd. reset, Case 3 bottom semi mounted plow, 2 Hay Wagons w/kicker racks, Hyd. Dump Wagon, N.H. Roll Bar Rake, J.D. Hay Tedder, Case 10' Disc w/wheels, 3 Section Drag, N.H. Blower w/whirl-a-feed w/40' of pipe, N.H. Blower (Hopper type), Smoker Hay & Grain Elevator, Hay Elevator, Feed Cart (Elec. powered)., N.I. 1 row corn-picker, Little Giant Grain Wagon & running gear, Ontario 16 Hoe Grain Drill, Cultipacker w/wheels, Pinco 16000 watt generator - trailer mounted, weed sprayer (8 row trailer mounted) w/250 gal. tank. Small items too numerous to mention.

PRODUCE

Seven doors 14' x 40' Silo of corn silage, Large quantity of Haylage, Large quantity of Ear Corn, 4-5000 Bales of 1st Cutting Hay, Quantity of second Cutting Hay.

REAL ESTATE
ABSOLUTE AUCTION

Appr. 70 Acres - ideal for hunting - 1/4 mile of frontage on blacktop road. Trout stream running through property. 5% down payment on sale day, balance in 30 days upon Deed delivery.

Selling Order - Small items	9:30 A.M.
Machinery	10:00 Appr.
Real Estate & Produce	11:30 Appr.
Cattle	12:00 Appr.

OWNERS:
PETE & GERRY CAREY
FOR INFO: 814-334-5343
MANAGED BY:
PAINTERS AUCTION SERVICE
Westfield, Pa.
814-367-2900

AUCTIONEERS:
HAROLD FRALEY & DICK CRITTENDEN
Muncy, Pa. Mansfield, Pa.

PEDIGREES:
Dale Hoover - Lebanon, Pa.

Sales Managers Note: Discontinuing farming after 60 years in business. This is a good opportunity to buy foundation stock with good bloodlines. One animal born and raised on farm scored 94 and descendants of her will be selling.

Sale Under Heated Tent
Lunch Available - Trucking Available

PUBLIC SALE

OF
6½ ACRES OF WOODLAND
TUESDAY, JAN. 3, 1984
at 2:00 P.M.

Located along South Church St., between Hahnstown and Reamstown. Right-of-way starts at Neighborville School, East Cocalico Twp., Lancaster County, Pa.

Terrain is gently sloping. Property is being sold for the Estate of Adam Newswanger and will be sold at Ivan Martins farm sale along Long Lane Rd., off Rt. 897, south of Terre Hill, Lancaster County, Pa.

TERMS: 10% down of day of sale; settlement by February 15, 1984

For more information or appointment for inspection call Paul Newswanger at 717-354-9935.

TERMS BY:
PAUL NEWSWANGER
Atty's:
Wentz, Weaver & Kling
HORNING FARM AGENCY, INC.
Alvin Horning, Auctioneer
Main St., Morgantown, Pa. 19543
215-286-5183

PUBLIC SALE

OF 40 ACRE FARM

TUESDAY, JANUARY 3, 1984
At 2:00 P.M.

Located at the west end of Longlane Rd. From Blue Ball take Rt. 23E to Rt. 897N, go approx. 2 miles to Longlane Rd., turn left to property. East Earl Township, Lancaster Co., Pa.

2½ story frame house. 1st floor: Mod. Kit.; Din. Rm.; Liv. Rm.; Laundry; ½ bath; Storage Rm. (Kit. & Laundry rm. new within the last few years.) 2nd floor: 5 Bedrms; Full Bath. Attic; Full basement; OHW heat; Tin roof; Grape Arbor; Large old shade trees; Macadam drive.

BARN: Frame bank barn w/hip roof. 1st floor: Steer stable & horse stalls; Equip. storage and large corn crib on west side.

OUTBUILDINGS: Frame corn & equipment shed; Buggy shed & Tobacco shed w/cellar & stripping room with rails; 2 frame brooder houses; 24'x135' 2 story frame chicken house w/frame attached horse stables. All buildings have tin roof.

SILOS: 14'x60' Terre Hill stave silo; 10'x40' poured cement silo.

WATER: Well & cistern; Septic system.

LAND: All tillable except buildng area; Terrain level to gentle slop.

TERMS: 10% down day of sale; settlement by April 1, 1984. Inspection anytime by appointment. Call HORNING FARM AGENCY, INC. @ 215-286-5183.

Terms by:
IVAN M. MARTIN
Atty: Robert Weaver
HORNING FARM AGENCY, INC.
Alvin Horning, Auctioneer
Main St., Morgantown, Pa. 19543

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

SAT MARCH 17 - 9 A M. Public Auction of Farm Equipment, Tools and Small items. Located at the Kempton Community Center 12 Auctioneers

THURS. MARCH 22 - Farm Machinery Consignment Auction Located at RD 1, Landisburg, Perry Co, PA Kling's Auction Service

FRI. MARCH 23 - 7 PM and SAT MARCH 24 - 9.30 AM Public Auction of Farm Toys. Located at Historic Strasburg Inn Second Annual Lancaster Farm Toy Auction, Sale and Show

FRI. MAR. 23 - 10 A M. Horse Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt. 23 in New Holland, Pa. Abe Diffenbach, Manager

SAT. MAR 31 - 9 A.M CONSIGNMENT SALE Const Equip., Trucks, Trailers & Contrs. Equip to be held at Wall Stadium property, located on Rt 34 in Wall Township (Belmar/Manasquan area), N J Vilsmeier Auction Co, Inc

SAT MARCH 31 Public Auction of Farm Machinery and Misc Items Located at RD 1, Newport, Perry Co, PA Kenneth Schreiber Owner Kling's Auction Service

SAT MARCH 31 - 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc., Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT MARCH 31, 1983 - 10 AM Public Auction of farm equipment, tools, furniture, ear corn, hay and numerous small items Located 1 mile southeast of Reamstown on Steffy Rd Elam W Nolt, owner Nolt & Witmer Auctioneers

SAT MAR 31 - 9 A.M CONSIGNMENT SALE Const. Equip., Trucks, Trailers & Contrs. Equip to be held at Wall Stadium property, located on Rt 34 in Wall Township (Belmar/Manasquan area), N J Vilsmeier Auction Co., Inc

SAT MARCH 31 - Public Auction of Farm Machinery and Misc Items Located at RD 1, Newport, Perry Co, PA Kenneth Schreiber Owner Kling's Auction Service

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SAT MARCH 31, 1983 - 10 AM Public Auction of farm equipment, tools, furniture, ear corn, hay and numerous small items Located 1 mile southeast of Reamstown on Steffy Rd Elam W Nolt, owner Nolt & Witmer Auctioneers

APRIL

FRI. APRIL 6 - 9 A.M. Public Sale of Farm Machinery at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

AUTOTORE'S AUCTION

RESTAURANT EQUIPMENT

Wilkes-Barre
SUNDAY DEC. 18
starting at One P.M.

Location - Mahally Warehouse off North New Sherman & Stevens Road-across from My Brothers Place & Cole Street Park (Follow auction arrows)

10'x12' BALLY WALK*IN FREEZER S.S., 3 door HOBART cooler (1 yr. old compressor), Norris S.S. milk despensor, 2 commercial popcorn machines, ROSS-TEMP ice maker, 3 elec. Vulcan fryers, 40" gas grill, S.S. shelving, 40" S.S. cooler, GARLAND GAS RANGE 4 burner & 15" grill, PRINCE CASTLE PIE warmer rotissery, G.E. upright freezer, S.S. warming unite for sandwiches, S.S. fry dumping table, S.S. prep. table W/cooler 15' long, sml. double S.S. sink, 15' soda counter, computerized cash register W/4 drawers, app. 30 F.F. baskets, S.S. roll-a-bout, Dayton 3 ph-3 hp. motor, MAGIC GLOW 36" grill, K-WAY Mod. 2000 kw SODA SYSTEM DISPENSOR, 2-4 drawer file cabinets, sml. port. compressor, COMSTOCK CASTLE STOVE (40" gas grill), S.S. Hood & Vents, OASIS wall fountain, Maple captain chairs, 8 sq. formicia tables, S.S. Hood W/extinguisher, 4 S.S. VULCAN elc. grills app. 36" sq., leaded glass lighting fixtures for restaurants, sml. rest items, platform scales, hot chocolate unites, etc. 1980 VOLVO D.L. WAGON loaded W/only 27,000 miles.

Terms: Cash

Note - all items have been steamed cleaned and in excellent condition.

Seller-
DOMINICK BRUNOSANTE

Auctioneers -
John Autotore
717-784-3506
717-784-0381

PUBLIC AUCTION AT GOODS AUCTION

111 N. Maple Ave.
Leola, Pa. 17540
Hay - Straw - Corn
Every Wed. at 12:00 Noon
No Out of State Checks

Good's Auction

GO THE AUCTION WAY

Get The Most Money For Your Clean Furniture - One Piece Or The Entire Household

Pickup Service Available

Weekly Auctions For The Past 12 Years

CALL
FARMERSVILLE AUCTION
Farmersville, PA
717-354-5095
John J. Rutt

SHORT NOTICE SALE

COMPLETE MILKING HERD DISPERSAL OF HIGH GRADE HOLSTEINS
For
LEWIS AND JUDITH LARSON
Coatesville, Penna.
► WEDNESDAY, DECEMBER 21 ◄
7:30 P.M.

To be held at Smoketown Quality Dairy Sales Co., Smoketown, Pa. Rte. 340. 5 mile East of Lancaster, 5 mile West of Intercourse.

This is a Fall base herd of cows, average age 42 mos. to 48 mos. or 3½ yrs. to 4 yrs. old. ABC breeding mating program on recommended bulls. Bred to AI bulls. Breeding sires used include Superior - Green-OAK Star - Magnet - Gambler - Starmate - Rebel - Vigor - and Boots. Milking average is 45 to 50 lbs. per day and they have the potential to milk 50 to 60 lbs. with the right kind of grain and hay. Fed - 14% Dairy, 8 to 10% Mixed hay and 1st cutting Alfalfa. These cows were never fed corn silage .90% Calfhood Vaccinated. Certified & Accredited Inoculated 12-10-for shipping fever & Booster shots.

This dairyman's Somatic Cell Count averages 70,000 to 100,000 and Bacteria Count is from 10,000 to 20,000.

1 Fresh June 1st calf heifers.
4 Fresh August - 2nd calf heifers.
6 Fresh Sept. - 2nd calf heifers.
6 Fresh Oct. - 2nd calf heifers.
3 Fresh Nov. - 2nd calf heifers.
1 Fresh Nov. - 1st calf heifers.
2 cows due Jan. with 2nd calf's
8 Fresh cows are from Herd of John St Johns of New London. Bought as springing heifers. His herd Avg. at that time was 18,000 to 19,000 m. with 70 to 80 cows. ONE Load of fresh cows, heifer's and Spr. out of New England states, milking 0 to 100 lbs. per day. - Born 1-8-78 V.G.-85-Sire Collins Crest Sunshine Chief .3yr. 9m. 364d. 19,955m. 680F. 4 yr. 11m. 337d 22,785m. 742F.
DAM - Piney Hill Carnation Star - G.P.83 305d. 5yr. 9m. 19,500m. 3.9t. 765F. Due March to Thonyma Electra.
Reg. - Elmsmith Marcus Mariner - Milking 55 lbs. - projected 2yr. 3m. 17,081m. 528F. DAM - V.G. 85 - GAY Ideal Daugh. 4yr. 23,050m. 816F. with 2 records over 20,000m.
Two Grade heifers - 1 milking 52 lbs. proj. 2 yr. 13,853m. 511F. 2nd just fresh.
Standing Grade Cow Selling, - Sire Paclamar Bootmaker - Born 5-26-78 - Fresh 10-16-83 Nov. milked 107 lbs. per day. Dec. milking 98 lbs. per day - 39 days. 3,574m.
3 yr. 1m. 365d. 23,949m. 697F.
4yr. 1m. 365d. 27,506m. 899F
DAM - Poverty Hollow Shirley 912E.
10 yr. 3m. 365d. 26,240m. 4.7t. 1238F.

SPECIAL MENTION
Registered 2 year old. Vaccinated. Sire is Lawcrest-Marvex-Twin. Her dam Astronaut, GP81. Her dam was sold at my sale. Fresh 10 days, milking 49.3 5.1 test. Was 2nd in her class at a county fair and could go VG. Her dam's record's 4 years 289 days, 13,850M 4.1 test 561F, 5 years 305 days 18,320M 3.9 test 709F. She milked to 331 days 19,213M 3.9 test 757F.

Reg. 2yr. Born-9-5-81 - Sire-Cumva Proud Performer from Club Sale. DAM - 3yr. 2m. 2890 16,260m. 3.9t. 635F. Due To Red Wood - Raymona Moonshot.
Outstanding 2yr. old heifer, just fresh milking 80 lbs. per day.
Reg. Jupiter Daugh. - Born 4-12-81 - 1st calf. DAM - 19,900m. 672F. as 2nd calf heifer.
Reg - Tomcreek Marquis Challenger - Fresh
Reg. - Dodge-View Gem-Twin Fresh - 5 days 75 lbs.
2-Reg. 4 yr. old - Standout Cavalier Daughs. Both 80 G.P. 1 fresh - 80 lbs. 1 springer.
Some good grade fresh and close cows out of New England Herd Dispersals
Reg. Holstein Bull-Born 11-29-82. Direct son of Osborndale Ivanhoe Sire - 90-10y 2-E TPI +312 10-3 90 EEE. PD +392m +21F.
DAM-Wildmoor Rockman Ruby - 91-10y - 2E10-9.
3 yr. 6m. 276d. 15,200m 3.7t. 555F.
7 yr. 7m. 305d. 17,610m. 4.4t. 773F.
8 yr. 9m. 305d. 17,210m 4.1t. 707F.
Gr. DAM - 91-10y. 2E 10-7-3yr. 10m. 21,870m 726F. Next 2 DAMS-G.P.
Reg. Holstein Bull-Born-12-14-82-Sire Paclamar Astronaut. 2-13yr. TPI +273, DAM - Cow Index +623m. +6F.
6yr. 2m. 305d. 19,794m. 3.6t. 709F.
7yr. 2m. 305d. 19,168m. 3.5t. 680F.
Reg. - Bull - Twin Lawn Elevation Jason
DAM - Rocket Daugh.
2yr. 305d. 15,423m. 3.9t. 604F.
3yr. 3m. 305d. 18,510m. 4.0t. 735F.
4yr. 3m. 305d. 19,030m. 3.8t. 724F.
5yr. 9m. 321d. 19,983m. 623F.

Wishing you and your families
A Very Merry Christmas

Cows milked at regular time
Cash or good check night of sale
Sale Managed by
SMOKETOWN QUALITY DAIRY SALES CO., INC.
Gordon and Helen Fritz
717-393-0930
Auctioneer
Carl Diller/Paul Snyder
Henry Kettering - Pedigrees

Plans are being made for the Pennsylvania Fourth Annual World Relief Heifer Sale

Thursday March 8, 1984
Guernsey Sales Pavilion, Lancaster, Pa.

Donations of registered Holsteins 6 mo. or older, or grades 1 yr. or older bred or open - will be accepted, also semen, hay, straw & grain.

Information needed by Jan. 13. 1984
CALL OR CONTACT

Kenneth Beiler Gap, Pa 215-593-6434, Carl Bender Accident, Md 301-826-8559, Elden Crider Chambersburg, Pa 717-597-3977, Joe Fisher Gordonville, Pa 717-687-7566, Earl Fuhrman Hanover, Pa 717-637-9593, Abner Glick Mifflinburg, Pa 717-966-2036, John Harnish, Lancaster, Pa 717-464-3752, Jason Hertzler, Milton, Pa 717-437-2139, Raymond E Kauffman Mifflintown, Pa 717-436-6874, Clyde Martin New Holland, Pa 215-445-6008, Nevin Mast Oley, Pa 215-689-5412, Alvin Miller Ulysses, Pa 814-848-7478, Kore J Peachey Milbroy, Pa 717-667-3107, Slyvian Ressler Quarryville, Pa 717-786-2103, Harold Shellenberger Mt Joy, Pa 717-653-5663, C L Stoltzfus Elverson, Pa 215-286-5995, Amos Z Stoltzfus Kermedyville, Md 301 348-5765

Auctioneers:
John Umble, Atglen, Pa.
215-593-5756
Lee Kurtz, Cochranville, Pa.
215-593-5387
Omar Stoltzfus Oxford, Pa.
717-529-6301
Pedigree:
Dale Hoover, Lebanon, Pa.
717-867-2489
Semen:
Galen Martin, Manheim, Pa.
717-665-9352

Sale Manager
WILMER KRAYBILL
Elverson, Pa.
215-286-9576

Sale proceeds will be donated to the Mennonite Central Comm. M.C.C. - Akron, Pa; to help clothe the needy and feed the hungry of the world, in the Name of Christ. Plan now to support this worthy project. Check the February issue for our Sale Ad.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT APR 7 - Public Auction of Full Line of Farm Machinery plus Holstein Heifers Located at RD 1, Landisburg, Perry Co , PA Jay C McCoy, Owner Kling's Auction Service

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

PUBLIC AUCTION

SAT. JAN. 21
at 1:00 P.M.

VALUABLE REAL ESTATE

Located at 38 N. Decatur in village of Strasburg. 4 bedroom two and one half story brick house, kitchen, living, dining room, sun porch, low water and sewerage, lot 205 feet deep.

Inspection Dec. 31 and Jan. 13 - 1 to 3 PM.

Owners,
SARAH AND LYDIA KING

Auctioneer-
Steve Petersheim
717-786-4624

THURS. APR. 12 - 10 AM Public Auction of Rabbits. 11 AM Public Auction of Lamb and Goat Kids Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI APRIL 13 - 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa. Abe Diffenbach, Manager

SAT APR. 21, 1984 - 18th Colonial Charolais Spring Sale Located at Frederick Fairgrounds, Frederick, MD Colonial Charolais Association Sponsors Garey Cattle Sales, Inc , 100 Walnut Lane, Morrisville, PA, Managers

FRI. APR 20 - 6.30 PM Public Auction of Feeder Cattle and Feeder Pigs. Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi. west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers

FRI. APR. 27 - 6 PM Public Auction of 250-300 Head Heifers, all sizes, Springing, Bred and Open Heifers, some registered. Located at the Belleville Livestock Market.

SAT. APR. 28 - 10 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Rt. 555, 3 mi. east of Middleburg, PA, 5 mi. west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers.

MAY

FRI MAY 4 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI MAY 18 - 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT MAY 26 - 10 A.M Grade Heifer Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT MAY 26 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

JUNE

FRI JUNE 15 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc , Rt. 555, 3 mi. east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT JUNE 23 - Colonial World Class Sale 2 Located at Adams Charolais Farm, Springfield, OH Sponsored by Colonial Charolais Association. Managed by Garey Cattle Sales, Inc , 100 Walnut Lane, Morrisville, PA 19067

SAT JUNE 23 - 10 A M. Registered Heifer Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT. JUNE 30 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers

JULY

FRI. JULY 6 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc. 12 miles east of Lancaster off Rt 23 in New HollandPa. Abe Diffenbach, Manager

SEPT.

FRI SEPT 7 - 7.00 P M Holstein Promotional Sale at New Holland Sales Stables, Inc. 12 miles East of Lancaster off Rt. 23 in New Holland, PA Abe Diffenbach, Manager

OCT.

SAT. OCT 13 - 10 00 A M Annual Fall Heifer Sale at New Holland Sales Stable, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

WED OCT 31 - 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA. Abe Diffenbach, Manager

NOVEMBER

FRI. Nov. 9 - 9:00 A M. Public Sale of Farm Equipment at New Holland Sales Stable, Inc. Located 12 miles East of Lancaster off Rt. 23 in New Holland, PA. Abe Diffenbach, Manager.

PUBLIC AUCTION

OF FARM EQUIPMENT
MONDAY, DECEMBER 19, 1983
11:00 A.M.

Located 5 miles east of Denton, Md. on Rt. 404.

TRACTORS: J.D. 4630 Diesel w-Hyd. assit front wheels (low hrs.), J.D. 4020 Diesel, J.D. 2630 Diesel, (low hrs.).

COMBINE: J.D. 6600 w-grain table and 444 corn head.

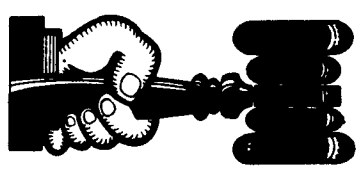
TRUCKS & TRAILER: 1974 GMC 6500 w-meadows dump body, 1974 Chev. C50 w-grain body, 23' Krueger trailer (3 axle).

EQUIPMENT: J.D. 6x16 plow, Kraus 21' disc, Brillion 23' packer, J.D. 12' chisel plow, J.D. 7000 row corn planter, A.C. 9 row notill planter, J.D. 8300 drill (23 tin) w-rake, J.D. 14' disc, Bearcat 15' cultipacker w-transport, J.D. 1210 grain cart, J.D. 146 Loader, J.D. Flail chopper, Rhino Scrape blade, J.D. 44 4 row cultivator (rear mount), J.D. Funnel wagon, J.D. grain wagon, 5 ton Stoltzfus Lime Spreader, J.D. Sub-Soiler, NO SMALL ITEMS.

Terms of Sale: Cash or approved Check, (Letter from Bank).

Owner
MR. & MRS. JAMES WOOTERS JR.
479-2114

A. Curtis Andrew Auction, Inc.
Auctioneers
A. Curtis Andrew
Mike Roe
479-0756



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

AUCTIONEERS
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717-733-7052

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CALL
717-665-5664

Dear Santa,

Could I please have some more good fresh cows, Milking Strong (& better tuck in a few springers.) Keep 'em coming with the good udders, correct feet & legs...Hint - You can find them at Melvin Kolbs.

How about some frisky grade & purebred heifer calves (they're at Melvin Kolbs too..)

And don't forget a stock bull...

Santa, could I have some big strong mules (sorrels please) well broke & ready to work (you can find them at Melvin Kolbs)

If you don't have any more good Tenn. & Kentucky mules, I'll take some tall strong horses (remember Sorrels Santa) with white manes & tails, 3-5 yrs. old & well broke.

in fact Santa...why don't you stop at Melvin Kolb's
load your sleigh & I'll have....

MILK
BUTTER COOKIES
ICE CREAM
CHEESE Waiting on the Kitchen table.

MELVIN KOLBS
Lancaster, PA — 717-569-6800-2106
Woodsboro, MD — 301-898-7720-7663

PUBLIC SALE

ANTIQUE ENGINES, TRACTOR & TOOLS, HOUSEHOLD ANTIQUES
FRIDAY, DECEMBER 30, 1983
9:30 A.M.

LOCATED: York Co., Pa. - Ridgewood Rd., east of Avalong Restaurant off Rt. 30. (Turn east at Tourist Bureau at Avalongs Restaurant to T road, turn left & follow 2 miles to sale on right).

OLD ENGINES & MISC. FARM ITEMS

New Holland ½ hp. w/truck, Ottawa engine w/saw mtd., Wittie engine, John Deere Model A Standard, 1 row horse corn planter, plate mill, 1 cylinder Shepard diesel motor mtd. on wood saw, 2 hole butcher furnace, straw cutter, iron kettle, 1 horse culti., walking plow, hand corn sheller, 1 hole sheller, scalding trough, double trees, saw buck, clover seeder, lumber & post, chicken feeder, electric motor, 2 bottom IH plow, shovel plow, small 4 wheel wagon on steel w/bed, 28 blade disk, 2 horse drawn mower, bench vise, steel wheels, 20 blade disk, cultipacker, roller, 2 section harrow, cement mixer, old wrenches, belting, belt lacer, chain, anvil, bolt cutters, vice, lawn mowers, misc. tools, Maytag motor & other motors.

ANTIQUES & HOUSEHOLD GOODS

6 Oak dining room chairs, 5 leg Oak table w/boards, kerosene light, cook stove, clothes tree, Oak stand, blanket chest, cane rocker, antique wooden bed, 2 cane bottom chairs, towel racks, Oak kitchen cabinet w/roll front & flower bin, Columbian white porcelain cook stove, plank bottom chairs, old wringer, old wash machines, dining room table w/carved legs, table boards, apartment electric stove, metal cabinet, crocks, & other items not mentioned.

TERMS: CASH OR GOOD CHECK.

MARGARET SHAFFER
AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
717-764-6412

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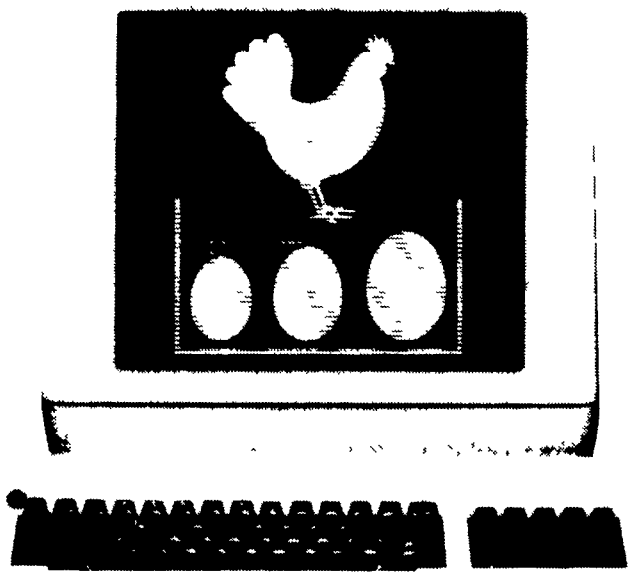

AVIAN INFLUENZA UPDATE

Around 7 million pullets, broilers, turkeys and other poultry have been declared affected with the "hot strain" of Avian Influenza. Everyone is aware of the tremendous financial impact this is having on all phases of the poultry industry. The quarantine area restrictions continue to tighten in an effort to control the spread of this deadly virus. Naturally, because of these restrictions, business as usual cannot continue. With the exception of one layer flock in New Jersey, Avian Influenza has been contained within the quarantine area, so the industry efforts seem to be working.

We will be very willing to counsel with any poultrymen in regard to any of the following items:

1. Methods to reduce spread of the AI virus.
2. Cleaning and disinfecting procedures.
3. Financial planning.
4. Future plans for your operation.

Please call any of the dealers listed below for information on AI, or any Ralston Purina Co. related programs.

Below are some phone numbers that may be helpful to you.

USDA Permits to move poultry or eggs
1-800-358-3344
569-8592
569-8593

USDA Diagnostic Reporting Center
1-800-358-3344
569-8594
569-8595

Pennsylvania Poultry Federation
569-5351
569-5352

HESS MILLS
PHONE 717-442-4183
717 768-3301
PARADISE, PA 17562

HIGH BROS.
PHONE 717-354-0301
GORDONVILLE, PA 17529

K & K FEED, INC.
PHONE 717-866-2324
23 N PARK ST RICHLAND, PA 17087

UMBERGER'S MILL
PHONE 717-867-5161
FONTANA, PA 17042

KEYSTONE MILLS
John B. Kurtz
PHONE 717-354-4616 717-738-1088
RD3, EPHRATA, PA 17522

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W. L. MUMMERT CO.
PHONE 717-637-6923
6 PINE ST
HANOVER, PA 17331

SOUTHERN DIVISION
West Willow Farmers Assoc., Inc
PHONE 717-529-2113
RTE 472 AT UNION, PA
RD 1, OXFORD PA 19363

WEST WILLOW FARMERS ASSN., INC.
PHONE 717-464-3386
WEST WILLOW, PA 17583

J. P. ANIMAL SUPPLY
PHONE 301-658-5795
2497 TOME HWY
RISING SUN, MD 21911

WOODSTOWN ICE & COAL CO.
PHONE 609-769-0069
WOODSTOWN, N J 08098